H. HOEFS KC6SFP

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Summer

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The Original

Repeater Location Guide

Complete listings of all Open and Closed Repeaters for 2-Meter, 220 MHz, 440 MHz, 1.2 GHz, 6 & 10 Meters in Southern California.

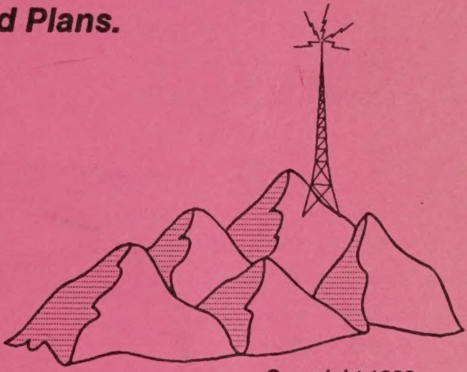
Including So. Cal.Band Plans.

Our 8th Year

Over 170 Changes
from Last Edition

The Most Up to Date
Guide Available

New Updated
Condor System Map



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Also Maps of:

California
Arizona
Nevada
Utah

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Repeater Location Guide

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INTRODUCTION TO LISTINGS

OPEN PL	THE MACHINE IS OPEN TO ALL AMATEURS. NO MEMBERSHIP IS REQUIRED, BUT ONE MUST HAVE A PL ENCODER.
CLOSED	REQUIRES MEMBERSHIP IN SPONSORING GROUP. MEMBERSHIP IS OPEN TO ALL INTERESTED AMATEURS. CONTACT LICENSEE FOR INFORMATION, BY SENDING S.A.S.E. TO HIS CALL BOOK ADDRESS.
PRIVATE	REQUIRES MEMBERSHIP IN SPONSORING GROUP. MEMBERSHIP IS AT THE DESCRETION OF LICENSEE OR CLUB USING THE REPEATER.
OPEN AUTOPATCH	ASKING ON THE FREQUENCY WILL USUALLY BRING A RESPONSE AS TO WHAT THE CODES ARE.
COORDINATION	THIS LIST SHOWS WHERE DIFFERENT ACTIVITIES ARE FOUND. A FEW REPEATERS ON THIS LIST ARE NOT COORDINATED TO THE FREQUENCIES ON WHICH THEY ARE FOUND. 97.205c STATES THAT IF AN UNCOORDINATED REPEATER IS CAUSING INTERFERENCE TO A COORDINATED REPEATER, THE NON-COORDINATED REPEATER HAS THE PRIMARY RESPONSIBILITY TO RESOLVE THE INTERFERENCE. IF YOU OWN OR ARE A TRUSTEE OF A REPEATER OR SIMPLEX AUTOPATCH AND WISH YOUR MACHINE TO BE CONSIDERED FOR COORDINATION, HERE ARE THE ADDRESSES OF THE COORDINATION COUNCILS THAT COVER THESE AREAS LISTED IN SOUTHERN CALIFORNIA:
TASMA	P.O. BOX 6080, ANAHEIM, CA. 92816-6080 (144 - 148 MHz)
220 SMA	P.O. BOX 6080, ANAHEIM, CA. 92816-6080 (222 - 225 MHz)
SCRRBA	P.O. BOX 5967, PASADENA, CA. 91117 OR P.O. BOX 6080, ANAHEIM, CA. 92816-6080 (10 or 6 METERS, 420-450 MHz, ATV, 902-928 MHz, 1240-1300 MHz & ALL MICROWAVE BANDS)
ARCA	(ARIZONA) 5232 W. CALLE PAINT, TUCSON, AZ. 85741
CHANGES	ANY CORRECTIONS, ADDITIONS, OR DELETIONS TO THE LIST WOULD BE APPRECIATED. PLEASE SEND THE INFORMATION TO THE ADDRESS BELOW:

KARL PAGEL, N6BVU
P.O. BOX 6080
ANAHEIM, CA. 92816-6080

.....SOUTHERN CALIFORNIA COUNTIES LISTED.....

a. Imperial County
b. Inyo County
c. Kern County
d. Los Angeles County
e. Mono County
f. Orange County
g. Riverside County
h. San Bernardino County
i. San Diego County
j. San Luis Obispo County
k. Santa Barbara County
l. Ventura County

(EIA) FREQUENCY CODES, IN HERTZ, ARE AS FOLLOWS:

67.0 - XZ/01
71.9 - XA/02
74.4 - WA/03
77.0 - XB/04
79.7 - SP/05
82.5 - YZ/06
85.4 - YA/07
88.5 - YB/08
91.5 - ZZ/09
94.8 - ZA/10
97.4 - ZB/11
100.0 - 1Z/12
103.5 - 1A/13
107.2 - 1B/14
110.9 - 2Z/15
114.8 - 2A/16
118.8 - 2B/17
123.0 - 3Z/18
127.3 - 3A/19
131.8 - 3B/20
136.5 - 4Z/21
141.3 - 4A/22
146.2 - 4B/23
151.4 - 5Z/24
156.7 - 5A/25
162.2 - 5B/26
167.9 - 6Z/27
173.8 - 6A/28
179.9 - 6B/29
186.2 - 7Z/30
192.8 - 7A/31
203.5 - M1/32

TWO-METER REPEATERS IN SOUTHERN CALIFORNIA - JUNE 92

FREQ	CALL	PL	LOCATION	
144.505+	W6ORD		VERDUGO PEAK	PRIVATE
144.895+	WD6FAB	123.0	OAT MTN. (Uncoordinated)	OPEN
144.970	KA6NCR		JOHNSTONE PK. (147.410 input)	PRIVATE
144.970	KA6NCR		MT. BALDY (147.410 input)	PRIVATE
145.120 -	WB6QEV		OAK MTN, LOMPOC	OPEN
145.120 -	WB6ZIR	100.0	RUNNING SPRINGS	RTTY
145.120 -	N6CKH	107.2	SAN DIEGO	OPEN
145.120 -	KC6PXL		OAT MTN. (Spanish Language)	PRIVATE
145.130 -	WT6T		CASTRO PEAK (Uncoordinated))	PRIVATE
145.140 -	WA6ARG		SANTA MARIA	OPEN
145.140 -	WD6AWP		SANTIAGO PEAK	PRIVATE
145.160 -	KA6EEK		SANTIAGO PEAK (ALERT)	PRIVATE
145.160 -	KA6EEK		SIGNAL PEAK, NEWPORT BEACH (ALERT)	PRIVATE
145.160 -	KA6EEK		EASTER HILL (ALERT)	PRIVATE
145.160 -	KE6DV		LAS VEGAS, NEVADA (ALERT)	CLOSED
145.180 -	W6MPH	131.8	PASADENA	OPEN
145.180 -	WB6RDV	131.8	SANTA YNEZ PEAK, SANTA BARBARA	OPEN
145.180 -	W6MPH	100.0	BIG BEAR LAKE	OPEN
145.180 -	KA6KTA		EL CAJON (closed autopatch)	CLOSED
145.200 -	W9TTT		LITTLEROCK	OPEN
145.200 -	N6BWE	103.5	MONTEREY PARK (closed autopatch)	OPEN
145.200 -	WA6DQK	131.8	CARPINTERIA	OPEN
145.220 -	N6SLD	103.5	SANTIAGO PEAK (closed autopatch)	OPEN
145.220 -	N6SLD	114.8	QUARTZITE MTN, VICTORVILLE	OPEN
145.240 -	W6FZV		HEAPS PEAK, LAKE ARROWHEAD	OPEN
145.240 -	N6AJA	131.8	SANTA BARBARA (SBARC)	PORTABLE
145.240 -	NK6S		SHERMAN OAKS	CLOSED
145.260 -	N6MSO		MALIBU	OPEN
145.260 -	WA6YEC	103.5	BIG BEAR- SNOW SUMMIT (BBARC)	OPEN
145.260 -	N6HIQ	136.5	FOUNTAIN VALLEY	OPEN
145.280 -	WD6FCG		VISTA	OPEN
145.280 -	WB6TZS		TABLE MTN., WRIGHTWOOD	OPEN
145.280 -	WA2VNT		CAMARILLO	TESTING
145.280 -	KJ6HW		SANTA MONICA	CLOSED
145.280 -	N6OSZ	103.5	GARDEN GROVE	OPEN
145.280 -	WB6CAY	141.3	COVINA	OPEN
145.300 -	K6CPT		MT. DISAPPOINTMENT	OPEN
145.320 -	WD6APP		SAN DIEGO (anti 114.8 pl)	OPEN
145.320 -	W6TRW	114.8	REDONDO BEACH	OPEN
145.320 -	WD8RCL		THOUSAND OAKS	OPEN
145.320 -	KB6MQQ	110.9	RANCHO CUCAMONGA	OPEN
145.340 -	WA6LUR		PANORAMA HEIGHTS	CLOSED
145.340 -	WB6MMA		MT. SANTA ROSA	CLOSED
145.350 -	WB6BGK	141.3	ARROYO GRANDE	OPEN
145.360 -	WB6YMH	AX.25	SANTIAGO PEAK (WB6YMH-2)	PACKET
145.380 -	WA6TMJ	100.0	PALOS VERDES	OPEN
145.380 -	N6LWO	107.2	POINT LOMA	OPEN
145.380 -	WA6TWT		PALMDALE	OPEN
145.400 -	N6ME		FULLERTON (WARA) (linked to 224.180 -)	OPEN
145.400 -	N6FL		OJAI	OPEN
145.410 -	XE2KAR		TIJUANA, BAJA CALIF.	OPEN
145.420 -	N6BAE	88.5	PINE COVE	OPEN
145.420 -	WB6NLU	136.5	NEWPORT BEACH (closed autopatch)	OPEN
145.420 -	WA6YZV		LOMPOC (closed autopatch)	OPEN
145.440 -	NO6B	136.5	SUNSET RIDGE (W/C ARC)	OPEN
145.440 -	W1CDM	107.2	PALOMAR MTN., SAN DIEGO (SBRG)	OPEN
145.460 -	W6FXN		BUZZARD PEAK (Earthquake Net)	OPEN
145.460 -	XE2DXA		TIJUANA, BAJA CALIF.	OPEN
145.480 -	N6BIC	100.0	CONTRACTORS POINT	OPEN

145.480 -	N6IZH	91.5	PALM SPRINGS TRAM (open autopatch)	OPEN
145.480 -	N6VQL	77.0	CUCAMONGA	OPEN
146.025 +	W6ELZ	103.5	POMONA (closed autopatch)	OPEN
146.025 +	WB6ZTY	136.5	GLENDALE (closed autopatch)	OPEN
146.025 +	KC6CCC	110.9	SAN CLEMENTE	OPEN
146.025 +	NR6P	107.2	INDIO	OPEN
146.085 +	WB6UBG	107.2	ANZA	OPEN
146.085 +	K6OPY		LA JOLLA	CLOSED
146.085 +	KA6AMR	110.9	DUARTE	OPEN
146.085 +	WA6UYW		BIRD SPRINGS PASS	OPEN
146.115 +	AB6C		HOLLYWOOD HILLS	CLOSED
146.115 +	KA6CYD	156.7	VICTORVILLE	OPEN
146.160 +	W6SS	91.5	SAN DIEGO	OPEN
146.160 +	W6JAM		TUJUNGA	OPEN
146.160 +	N6HIQ	136.5	FOUNTAIN VALLEY	OPEN
146.160 +	N6WIK	110.9	LAGUNA NIGUEL	OPEN
146.175 +	W6GNS		WHITTIER	OPEN
146.175 +	WA6IPD	107.2	FALLBROOK	OPEN
146.235 +	WA6RJA		PALOS VERDES	PRIVATE
146.265 +	W6SS	107.2	LYONS PEAK, SAN DIEGO	OPEN
146.265 +	K6QYB		VAN NUYS	OPEN
146.355 +	K6DLG		MONTEREY PARK (JAARS)	OPEN
146.355 +	WA6EEH	127.3	SKYLINE HILLS, SAN DIEGO	OPEN
146.400	* * * *		* * Repeater Input, Do Not Use For Simplex * *	* * * *
146.415	* * * *		* * Repeater Input, Do Not Use For Simplex * *	* * * *
146.430	* * * *		* * ATV SIMPLEX * *	* * * *
146.460	* * * *		* * 440 REMOTE BASE OUTPUTS * *	* * * *
146.475	* * * *		* * Repeater Input, Do Not Use For Simplex * *	* * * *
146.505	* * * *		* * Repeater Input, Do Not use For Simplex * *	* * * *
146.565	* * * *		* * SOUTHERN CALIFORNIA T-HUNT CHANNEL	* * * *
146.610 -	N6ZHN	107.2	PARADISE HILLS, SAN DIEGO (SBRG)	OPEN
146.610 -	N6THQ	103.5	SIERRA PEAK	OPEN
146.610 -	K6PXF		CASA DIABLO PEAK, BISHOP	OPEN
146.620 -	N6LYF		CAMBRIA	OPEN
146.640 -	N6ICC	107.2	MT. OTAY, SAN DIEGO	OPEN
146.640 -	KF6KM		DIAMOND BAR	CLOSED
146.640 -	N6UE		SANTA MARIA	PORTABLE
146.640 -	WA6YBN		RIDGECREST	OPEN
146.655 -	WA6GEV		WHITTIER (closed autopatch)	OPEN
146.655 -	N6QOL	131.8	VENTURA HARBOR	OPEN
146.655 -	KB6NE	103.5	MORENO VALLEY (closed autopatch)	OPEN
146.670 -	WB6RSM		LANCASTER (open autopatch)	OPEN
146.670 -	N6JMI	127.3	THOUSAND OAKS	OPEN
146.670 -	W6YEY	151.4	WEST LOS ANGELES	OPEN
146.670 -	N6LVR		LOOKOUT PK., JACUMBA (closed autopatch)	OPEN
146.670 -	N6RAN		ARROYO GRANDE (Uncoordinated)	OPEN
146.670 -	N6QWD		SAN DIEGO	PRIVATE
146.670 -	WA6HYQ	123.0	SAN BERNARDINO	OPEN
146.700 -	WA6MDD		BORREGO SPRINGS	OPEN
146.700 -	WA6MTZ		NEWBERRY SPRINGS (Linked)	OPEN
146.700 -	W6IWO		CONTRACTOR'S POINT	RTTY
146.700 -	KB6SSB		SUN CITY	OPEN
146.730 -	K0JPK		RIO HONDO PEAK	OPEN
146.730 -	K6GXO	100.0	HAUSER PEAK	OPEN
146.730 -	W6NWG	107.2	PALOMAR MTN., SAN DIEGO	OPEN
146.730 -	K6PXF		CONWAY SUMMIT, BRIDGEPORT	OPEN
146.740 -	WE7G		BLYTHE / YUMA	OPEN
146.745 -	N6GPP	AX.25	MALIBU	PACKET
146.760 -	W6SKF		BOX SPRINGS, RIVERSIDE	CLOSED
146.760 -	WB6NLU	136.5	LAKE ELSINORE	OPEN
146.760 -	N6UKR	103.5	LAKE ELSINORE	PORTABLE
146.760 -	W6TD		MAZOURKA PK., BISHOP (open autopatch)	OPEN
146.790 -	K6TZ	131.8	SANTA BARBARA (open autopatch)	OPEN

146.790 -	W6BA	136.5	YUCCA VALLEY (open autopatch)	OPEN
146.790 -	WA6YVL	103.5	PALMDALE	OPEN
146.790 -	K6SYU	103.5	ANAHEIM	OPEN
146.790 -	WB6CUB	100.0	WILDOMAR	OPEN
146.800 -	WB6FMC		QUESTA PEAK, SAN LUIS OBISPO	OPEN
146.805 -	W6THP		SIGNAL HILL	PRIVATE
146.805 -	NT6O		SADDLE PEAK	PRIVATE
146.820 -	W6FNO		JOHNSTONE PEAK (30 sec. timer)	OPEN
146.820 -	W6FNO		ONYX PEAK (linked to Johnstone Pk.)	OPEN
146.850 -	W6JBT		CRESTLINE	OPEN
146.850 -	WB6CHI	94.8	THOUSAND OAKS (closed autopatch)	OPEN
146.880 -	WA6ZTT	127.3	SULPHUR MTN., VENTURA (SMRA, closed auto)	OPEN
146.880 -	W6TJ	146.2	RIVERSIDE (closed autopatch)	OPEN
146.880 -	N6ATQ	114.8	ESCONDIDO	OPEN
146.880 -	W6YDZ		PASO ROBLES	OPEN
146.880 -	WA7HXO		MT. POTOSI, LAS VEGAS	OPEN
146.895 -	W6KRW	136.5	LOMAS RIDGE, ORANGE (O.C. RACES)	OPEN
146.895 -	N6JNS		SOLVANG	OPEN
146.910 -	KB6BEM	107.2	MT. OTAY, SAN DIEGO	OPEN
146.910 -	K6ROC	123.0	MT. LEE (Uncoordinated)	OPEN
146.910 -	KJ6B		RUNNING SPRINGS	OPEN
146.910 -	W6IWY		SILVER PEAK, BISHOP	OPEN
146.925 -	WA6TFD	114.8	BALDWIN HILLS (closed autopatch)	OPEN
146.925 -	WA6TFD	127.3	SANTIAGO PEAK	OPEN
146.925 -	KA1CHV	100.0	MT. OTAY	OPEN
146.940 -	WA6BIZ	131.8	DISNEYLAND (closed autopatch)	OPEN
146.940 -	WB6RSK	103.5	POMONA	OPEN
146.940 -	WB6IIY		SANTA MARIA	OPEN
146.940 -	WA6EFW	91.5	VICTORVILLE (closed autopatch)	OPEN
146.940 -	W6QQA		RANCHO MIRAGE	OPEN
146.940 -	W6IWY		SILVER PEAK, BISHOP	OPEN
146.940 -	XE2RBC		TIJUANA, BAJA CALIF.	OPEN
146.970 -	WB6YQN		OXNARD	OPEN
146.970 -	K6QEH		FULLERTON	OPEN
146.970 -	N6WNL		BARSTOW	OPEN
146.970 -	WB6LYB		TRONA	OPEN
146.970 -	N6TCO		SANTA CLARITA	OPEN
146.970 -	K6YUH		VISTA (closed autopatch)	OPEN
146.980 -	W6YDZ		TEMPLETON	OPEN
146.985 -	WB6RSD		KELLER PEAK (closed autopatch)	OPEN
146.985 -	WB6ZTX	103.5	SOUTH MTN., VENTURA	OPEN
147.000 +	WB6BJM		HOLLYWOOD HILLS	PRIVATE
147.000 +	WB6BJM		SADDLE PEAK	PRIVATE
147.000 +	N6ZF	131.8	SANTA BARBARA	OPEN
147.000 +	N6OQQ		BISHOP	OPEN
147.015 +	WA6MPV		SANTIAGO PEAK	PRIVATE
147.015 +	WA6MPU		PINE COVE (MILE HIGH RPT CLUB)	PRIVATE
147.015 +	KU6L		MT. WILSON	PRIVATE
147.030 +	WA6GTT		BEL AIR	PRIVATE
147.030 +	KA6CUF	103.5	PALOMAR MTN. (ECRA)	OPEN
147.030 +	KA6GBJ		DESERT CENTER	OPEN
147.030 +	WD6BNG		BARSTOW (closed autopatch)	OPEN
147.060 +	W6RBW		PALOS VERDES	PRIVATE
147.060 +	W6TIE	127.3	CHULA VISTA	OPEN
147.060 +	N6FM		COSTA MESA (MESAC)	PRIVATE
147.060 +	W6IF	136.5	TWENTYNINE PALMS	OPEN
147.060 +	W6IWY	107.2	EL PASO PEAK, BISHOP	OPEN
147.060 +	W6IWY	103.5	SILVER PEAK, BISHOP	OPEN
147.060 +	W6PVG		TEHACHAPI (open autopatch)	OPEN
147.075 +	N6JOQ		SUNSET RIDGE	CLOSED
147.090 +	AA6DP		CATALINA ISLAND	OPEN
147.090 +	WA6HRE		BLYTHE	OPEN

147.120 +	WA6NRB	136.5	VERDUGO PEAK (closed autopatch)	OPEN
147.120 +	WA6EFW		VICTORVILLE (open autopatch)	OPEN
147.120 +	WA6VPL		LOMPOC (closed autopatch)	OPEN
147.120+	WM6Z	103.5	BRAWLEY	OPEN
147.130 +	KA6UAI	107.2	PALOMAR MTN., SAN DIEGO	OPEN
147.150 +	WB6WLV		MT. LAGUNA, SAN DIEGO	OPEN
147.150 +	N6LXX		PHELAN	PRIVATE
147.150 +	W6VIO	103.5	PASADENA (JPL)	OPEN
147.150+	WA6LBS		CAMARILLO (closed autopatch)	OPEN
147.180 +	W6MLI	110.9	CORONADO (closed autopatch)	OPEN
147.180 +	WA6TST	151.4	BARSTOW (closed autopatch)	OPEN
147.180 +	AB6CE	67.0	SAN BERNARDINO (closed autopatch)	OPEN
147.180 +	WX6N		PALOS VERDES	PRIVATE
147.180 +	WA6BSC		CONTRACTOR'S POINT	PRIVATE
147.195 +	KB6GY	100.0	PALOS VERDES	OPEN
147.195 +	KB6GY	131.8	DOWNTOWN L.A.	OPEN
147.195 +	WD6APP	114.8	CUYAMACA PEAK (S.D. RACES)	OPEN
147.195 +	WD6APP		LYONS PEAK, SAN DIEGO (S.D. RACES)	CLOSED
147.195 +	WD6APP		MT. WOODSON, SAN DIEGO (S.D. RACES)	CLOSED
147.210 +	WB6ELR	156.7	SUNSET RIDGE	OPEN
147.210 +	KB6BEM	107.2	MT. OTAY (SBRG)	OPEN
147.210 +	KB6BEM	107.2	MONUMENT PEAK (SBRG)	OPEN
147.210 +	WB6IIY		NIPOMO	OPEN
147.210 +	W6TD		LITTLE LAKE, LONE PINE	OPEN
147.225 +	K6JHX		CASTRO PEAK	PRIVATE
147.240 +	W6MEP		DUCK MTN.	OPEN
147.240 +	KA6DAC	103.5	MONUMENT PEAK (linked to Wickenburg, ARIZ.)	OPEN
147.270 +	WA6ZTR		MT. DISAPPOINTMENT	OPEN
147.270 +	WA6TYU		JUNE LAKE	OPEN
147.270 +	WB6RHR		SHANDON	OPEN
147.300 +	KB7VE	103.5	BOULDER MTN., POWAY	OPEN
147.300 +	WA6PPS		MT. LUKENS. (closed autopatch)	PRIVATE
147.300 +	WB6QHB	123.0	UPLAND (closed autopatch)	OPEN
147.300 +	KG6PD		HESPERIA (anti - PL 123.0)	OPEN
147.330 +	W6ZJU		BIG BEAR	OPEN
147.360 +	K6VGP		MT. DISAPPOINTMENT (DARN)	PRIVATE
147.360 +	K6VGP		MT. WILSON (DARN)	PRIVATE
147.360 +	K6VGP		PALOS VERDES (DARN)	PRIVATE
147.360 +	K6VGP		VERDUGO PEAK (DARN)	PRIVATE
147.360 +	K6VGP		SANTIAGO PEAK (DARN)	PRIVATE
147.420	WB6FZC		SAN DIEGO (input 146.475)	PRIVATE
147.435	AA6TK	103.5	SADDLE PEAK (input 146.400)	OPEN
147.450	N6EXO		CONTRACTORS POINT (input 146.415)	CLOSED
147.460	WB6PFW		BIG BEAR CITY (input 146.505)	OPEN
147.465	W6VLD	103.5	HUNTINGTON BEACH (input 146.505)	OPEN
147.645 -	WA4EGT		TEMPLE HILL, LAGUNA BEACH (SOARA)	OPEN
147.675 -	WA6BGS	107.2	SANTEE	OPEN
147.705 -	K6QQN	114.8	OAT MTN.	OPEN
147.705 -	WA6WWB		VICTORVILLE	OPEN
147.705 -	WD6APP		SAN DIEGO	PRIVATE
147.735 -	W6FZV	118.8	LOMA LINDA	OPEN
147.735 -	KB6C		MAGIC MTN.	OPEN
147.765 -	W6QFK	131.8	MONROVIA	OPEN
147.765 -	WA6VEB		FRAZIER PARK	OPEN
147.765 -	WB6ZTW	103.5	GRANT PARK, VENTURA	TESTING
147.855 -	WA6ZMZ		SAN DIEGO (closed autopatch)	OPEN
147.855 -	WA6YNT	110.9	ANAHEIM (closed autopatch) (TT Access 1291)	OPEN
147.885 -	WA6AIL	107.2	SAN DIEGO (closed autopatch)	OPEN
147.885 -	N6JMI	127.3	NEWBURY PARK	OPEN
147.885 -	WA6MTZ		LUDLOW	OPEN
147.915 -	WB6YPX	136.5	ANAHEIM (closed autopatch) (TT Access *1)	OPEN
147.915 -	K6GHM	107.2	SPRING VALLEY (closed autopatch)	OPEN

147.915 -	WA6VNO	103.5	SANTA MARIA	PORTABLE
147.915 -	N6CNA		LANCASTER	PRIVATE
147.915 -	WA6HFE	123.0	MT. DAVID, BANNING	OPEN
147.930 -	WB6WEY	100.0	SIMI VALLEY	OPEN
147.945 -	WA6IKH	123.0	CRESTLINE	OPEN
147.945 -	WD6EZI		CANOGA PARK (closed autopatch)	OPEN
147.945 -	WA6JFM	131.8	SANTA BARBARA (closed autopatch)	OPEN
147.945 -	N6WYF	107.2	SAN DIEGO	OPEN
147.975 -	N6AHI	110.9	VENTURA (closed autopatch)	OPEN
147.975 -	WD6DPY		FULLERTON (closed autopatch)	OPEN
147.975 -	KB6NE		YUCAIPA (closed autopatch)	OPEN
147.990 -	W6JAM		MT. OTAY (DRONK)	PRIVATE
147.990 -	W6JAM		MT. WOODSON (DRONK)	PRIVATE
147.990 -	W6JAM		POINT LOMA (DRONK)	PRIVATE
147.990 -	W6JAM		TORO PEAK (DRONK)	PRIVATE
147.990 -	W6JAM		TUJUNGA (DRONK)	PRIVATE

222-225 MHz REPEATERS IN SOUTHERN CALIFORNIA - JUNE 1992

FREQ	CALL	PL	LOCATION	
223.400 s	******		SO. CALIF. SIMPLEX	T-HUNTS
223.540 s	******		SO. CALIF. PACKET 2400 BPS max.	
223.560 s	******		SO. CALIF. PACKET 2400 BPS max.	
223.580 s	******		SO. CALIF. PACKET 2400 BPS max.	
223.600 s	******		SO. CALIF. PACKET 2400 BPS max.	
223.620 -	WB6WUI		MT. LAGUNA	PRIVATE
223.620 -	W6GNS	136.5	WHITTIER HILLS (RHARC)	OPEN
223.640 -	KA6DMH	100.0	JOHNSTONE PEAK	OPEN
223.640 -	KA6DMH	114.8	SEAL BEACH	OPEN
223.660 -	W6FXN		BUZZARD PEAK	OPEN
223.680 -	WB6TPG		SUNSET RIDGE (closed autopatch) (HROC)	CLOSED
223.680 -	N6PVK		RUNNING SPRINGS (HROC)	CLOSED
223.700 -	N6AXA		LAKEWOOD	CLOSED
223.700 -	WD6EZI	156.7	CANOGA PARK	OPEN
223.700 -	KK6KU	100.0	ROSAMOND	OPEN
223.720 -	WA6IBY		MT. LUKENS	CLOSED
223.740 -	W6GAA	100.0	PALOS VERDES	OPEN
223.740 -	WA6ZRC	114.8	CONTRACTOR'S POINT	OPEN
223.740 -	WV6L	100.0	RIVERSIDE	OPEN
223.760 -	W6KRW	110.9	SIERRA PEAK (O.C. RACES)	OPEN
223.760 -	N6GVO	94.8	HUNTINGTON BEACH	OPEN
223.760 -	N6PTF	103.5	CHULA VISTA	OPEN
223.780 -	WA6TMJ	100.0	PALOS VERDES	OPEN
223.800 -	WD6APP		LYONS PEAK, SAN DIEGO (S.D. RACES)	CLOSED
223.800 -	WD6APP		MT. WOODSON, SAN DIEGO (S.D. RACES)	CLOSED
223.800 -	WD6APP		MISSION HILLS, SAN DIEGO (S.D. RACES)	CLOSED
223.800 -	K6CHE	156.7	SIGNAL HILL, LONG BEACH (closed autopatch)	OPEN
223.820 -	XE2UUO		TIJUANA, BAJA CALIF.	OPEN
223.820 -	KA6VHC	103.5	WHITTIER HILLS	OPEN
223.840 -	XE2SI		ENSENADA, BAJA CALIF.	OPEN
223.840 -	K6SMM	156.7	VICTORVILLE	OPEN
223.840 -	KA6VHC	103.5	PALOS VERDES (SIWARC)	OPEN
223.840 -	N6ODI	156.7	INDIO HILL	OPEN
223.860 -	WA6KTG		MT. LUKENS	CLOSED
223.860 -	KI6DB	114.8	LA VERNE	OPEN
223.860 -	KB6BEM	107.2	MT. OTAY, SAN DIEGO	OPEN
223.880 -	WB6ELR		SUNSET RIDGE (closed autopatch)	CLOSED
223.880 -	WA6HYQ	107.2	LA MESA (RACES, closed autopatch)	OPEN
223.880 -	WA6HYQ	203.5	SANTA ROSA (RACES)	OPEN

223.880 -	WB6ELR		HOLLYWOOD HILLS	CLOSED
223.900 -	N6NFQ	156.7	SAN CLEMENTE	OPEN
223.900 -	N6NFQ	94.8	OAT MTN. (closed autopatch)	OPEN
223.920 -	K6TZ	131.8	SANTA CRUZ ISLAND (SBARC)	OPEN
223.920 -	WV6L		ARLINGTON HEIGHTS	OPEN
223.920 -	W6VPZ	100.0	PALMDALE	OPEN
223.920 -	KA6MTO		PALOS VERDES	CLOSED
223.940 -	N6AHP	127.3	WESTCHESTER	OPEN
223.940 -	N6CFC	141.3	RASNOW PEAK	OPEN
223.940 -	N6UTA	136.5	LAKE ELSINORE	OPEN
223.960 -	N6ZF		BROADCAST PEAK, SANTA BARBARA	OPEN
223.960 -	W6MLI	110.9	CORONADO, SAN DIEGO	OPEN
223.960 -	N6QLB	156.7	MISSION VIEJO	OPEN
223.960 -	WB6TZS		TABLE MTN., MOJAVE DESERT	OPEN
223.980 -	W6NRY		JOHNSTONE PEAK	OPEN
223.980 -	WA6RKK		PALOMAR MTN., SAN DIEGO	OPEN
224.000 -	W6KAT		SUNSET RIDGE	PRIVATE
~~224.000 -~~	~~W6GHY~~	~~156.7~~	~~BRUSH PEAK (CONDOR)~~	~~OPEN~~
224.000 -	WA6SVT		SANTIAGO PEAK	CLOSED
224.020 -	WB6ZTR	127.3	SULPHUR MTN. (SMRA)	OPEN
224.020 -	WB6TOP	100.0	MT. HELIX, LA MESA (closed autopatch)	OPEN
224.020 -	W6ZJU		BIG BEAR	OPEN
224.020 -	WA6DOD		DIAMOND BAR	CLOSED
224.020 -	W6VRF	131.8	PALOS VERDES	OPEN
224.040 -	W6VIO	156.7	LA CANADA (JPL ARC)	OPEN
224.040 -	W6RYX		TEPUESQUET PEAK (open autopatch *60, #)	OPEN
224.060 -	WB6WLV	107.2	MT. LAGUNA, SAN DIEGO (SANDRA)	OPEN
224.060 -	KB6MQQ		SUNSET RIDGE	CLOSED
224.080 -	WB6IEA		LA CANADA (JPL ARC)	PRIVATE
224.080 -	WA6BGS	107.2	RATTLESNAKE PEAK (EC ARC)	OPEN
224.080 -	K6TZ	131.8	LA CUMBRE PEAK (SBARC)	OPEN
224.100 -	KM6AA		HOLLYWOOD HILLS	CLOSED
224.100 -	WA6ZSN		RED MTN., VENTURA (SMRA)	PACKET
224.100 -	N6GJN		TORO PEAK	PRIVATE
224.120 -	K6MHE	151.4	WHITTIER HILLS (closed autopatch)	OPEN
224.120 -	K6TZ	131.8	SANTA YNEZ PEAK (SBARC)	OPEN
224.140 -	N6UKO	156.7	SAN MARCOS	OPEN
224.140 -	K6GCN		HOLLYWOOD HILLS (CRN)	PRIVATE
224.140-	WB6DGF		FRAZIER MTN.	CLOSED
224.140 -	WA6TYU		JUNE MTN., RAINBOW RIDGE	OPEN
224.160 -	WB6ELR		SUNSET RIDGE	CLOSED
224.160 -	WB6WUI		CUYAMACA PEAK	CLOSED
224.160 -	WA6BRW	131.8	SANTA YNEZ	OPEN
224.160 -	WB6MOB		OAT MTN.	CLOSED
~~224.180 -~~	~~WB6RHQ~~	~~156.7~~	~~ONYX PEAK (CONDOR)~~	~~OPEN~~
224.180 -	WA6YVL	100.0	PALMDALE	OPEN
224.180 -	N6ME		FULLERTON (WARA) (linked to 145.400 -)	OPEN
224.180 -	WD6EBY	156.7	VENTURA	OPEN
224.200 -	N6ICC	107.2	MT. OTAY, SAN DIEGO (SANDRA)	OPEN
224.200 -	KE6KT		LANCASTER	OPEN
224.200 -	N6MQS	100.0	OAT MTN.	OPEN
224.200 -	N6MQS	123.0	VERDUGO PK.	OPEN
224.200 -	N6QCU		CRESTLINE	CLOSED
224.220 -	W6HIL	151.4	SANTIAGO PEAK	OPEN
224.220 -	W6HIL	100.0	ANZA	OPEN
224.240 -	WA6DCJ		SADDLE PEAK (CRN)	CLOSED
224.240 -	W6EEN	100.0	BERMUDA DUNES	OPEN
224.260 -	WB6ERQ		CONTRACTOR'S POINT	CLOSED
224.260 -	N6VVZ	107.2	SAN DIEGO	OPEN
224.260 -	KB6GVT	110.9	RIM FOREST	OPEN
224.260 -	N6SWF	156.7	PINON HILLS	OPEN
224.280 -	WA6CGR	100.0	MONTECITO HEIGHTS	OPEN
224.280 -	WB6ZSU	110.9	ALTA LOMA	OPEN

224.280 -	KB6BEM		SAN DIEGO (SBRG)	CLOSED
224.300 -	K6CPT	100.0	MT. DISAPPOINTMENT (L.A. RACES)	OPEN
224.320 -	WB9RNW		MT. WILSON	CLOSED
224.340 -	N6ENV	156.7	KELLER PEAK	OPEN
224.340 -	N6ENV	162.2	CASTRO PEAK	OPEN
224.360 -	K6IYK	107.2	LOOP CYN. (VERA, closed autopatch)	OPEN
224.360 -	N6CRF	94.8	UPLAND	OPEN
224.380 -	WB6MYD	192.8	PALOS VERDES (closed autopatch)	OPEN
224.400 -	WD6FZA		PALOS VERDES	PRIVATE
224.400 -	WD6FZA		OAT MTN.	PRIVATE
224.400 -	WV6H		MT. OTAY	PRIVATE
224.420 -	AA6DP	123.0	CATALINA ISLAND	OPEN
224.420 -	W6PVG		OBSERVATORY RIDGE	OPEN
224.440 -	WA6IWB	100.0	MONTEREY HILLS	OPEN
224.440 -	KA6YBC	156.7	SAN MARCOS, SAN DIEGO	OPEN
224.460 -	WA6VLF		POINT LOMA, SAN DIEGO	OPEN
224.460 -	W6TJ	110.9	RIVERSIDE (RIVERSIDE RACES)	OPEN
224.460 -	N6HOM		SYLMAR	PRIVATE
224.480 -	K6VE	110.9	CONTRACTOR'S POINT (closed autopatch)	OPEN
224.480 -	WA6FLR		SANTA ROSA MTN.	OPEN
224.500 -	K6SYU	156.7	ANAHEIM	OPEN
224.500 -	K6SYU	162.2	LA HABRA	OPEN
224.500 -	WB6BGK	141.3	LOMPOC	OPEN
224.520 -	N6ENV	156.7	LOOP CANYON (closed autopatch)	OPEN
224.520 -	WB6AKR		HEMET (closed autopatch)	OPEN
224.540 -	W6SLF	107.2	SAN DIEGO	OPEN
224.540 -	K6PQN	88.5	SIERRA PEAK (closed autopatch)	OPEN
224.540 -	WD6EBY	156.7	CAMARILLO	OPEN
224.560 -	WB6IVS	110.9	RUNNING SPRINGS (closed autopatch)	OPEN
224.560 -	WA6MPH	67.0	TUJUNGA	OPEN
224.560 -	N6HDQ	67.0	LAGUNA NIGUEL	OPEN
224.560 -	N6HPB	131.8	SANTA BARBARA	OPEN
224.580 -	N6BEU	156.7	OAT MTN., (closed autopatch)(VGG)	OPEN
224.580 -	WB6NYS	151.4	SAN LUIS OBISPO	OPEN
224.600 -	KA6N	100.0	PALOS VERDES	OPEN
224.620 -	W6VPZ	100.0	PALOS VERDES	OPEN
224.620 -	WB6SYD	127.3	MT. CREST, EL CAJON (closed autopatch)	OPEN
224.640 -	WD6BJS		SIMI VALLEY	OPEN
224.640 -	WA4EGT	107.2	LAGUNA BEACH (SOARA)	OPEN
224.640 -	WA4EGT	192.8	SANTIAGO PEAK (HROC)	OPEN
~~224.640 -~~	~~WB6RHQ~~	~~156.7~~	~~LAKE ISABELLA (CONDOR)~~	~~OPEN~~
224.640 -	N6GWD		YUCCA VALLEY	OPEN
224.660 -	W6UPP	156.7	COSTA MESA (closed autopatch)	OPEN
224.660 -	WB6HJW		SANTA MARIA	OPEN
224.680 -	WA6MDJ	114.8	HOLLYWOOD HILLS (BARC)	OPEN
224.680 -	WA6VLF		MT. OTAY, SAN DIEGO	CLOSED
224.680 -	WB6JWB		PASO ROBLES	CLOSED
224.680 -	KB6DOL	141.8	CORONA	OPEN
224.700 -	W6XT		LAGUNA BEACH HILLS	OPEN
224.700 -	WD6CCS	156.7	THOUSAND OAKS	OPEN
224.700 -	KB6JVA	107.2	CHINO	OPEN
~~224.720-~~	~~N6XKI~~	~~156.7~~	~~MT. FRAZIER (CONDOR)~~	~~OPEN~~
224.720 -	W6IWO		SIGNAL HILL	RTTY
224.740 -	W6YEY	203.5	HOLLYWOOD HILLS	OPEN
224.740 -	KB6NVG		SHANDON	OPEN
224.760 -	WB6UCD	156.7	SANTIAGO PEAK (EARN)	OPEN
224.760 -	WB6UCD	100.0	OAT MTN.	OPEN
224.760 -	N6OYE		SANTA MARIA	OPEN
224.780 -	WB6DYM	127.3	PALOS VERDES	OPEN
224.780 -	N6ENL	100.0	MT. LUKENS	OPEN
224.780 -	N6LXX		PHELAN	CLOSED

224.800 -	WA6RTV		SANTIAGO PEAK	PRIVATE
224.800 -	K6RCL		SANTA YNEZ PEAK	CLOSED
224.800 -	K6RCL		GIBRALTER PEAK	CLOSED
~~224.820 -~~	~~KJ6JY~~	~~156.7~~	~~SANTIAGO PEAK (CONDOR)~~	~~OPEN~~
224.820 -	WB6BGK	141.3	OAK MTN, LOMPOC (CONDOR)	OPEN
224.840 -	K6BWA		HOLLYWOOD HILLS	CLOSED
224.840 -	KS6E		SHERMAN OAKS	CLOSED
224.840 -	N6EHD		ALTADENA	CLOSED
224.840 -	KA6UFC		SAND CANYON	CLOSED
224.840 -	WB6PRR		ALTADENA	CLOSED
224.840 -	KA6UKZ		SIMI VALLEY	CLOSED
224.840 -	KS6K		SILVERLAKE, L.A.	CLOSED
224.840 -	WA6MTM		YORBA LINDA	CLOSED
224.860 -	W6JBT		CRESTLINE	OPEN
224.860 -	WB6DZO		VALENCIA	OPEN
224.860 -	WB9KMO	156.7	GIBRALTER PEAK, SANTA BARBARA	OPEN
224.880 -	WB6QWR		SANTIAGO PEAK	CLOSED
224.880 -	W6UJX	141.3	THOUSAND OAKS	OPEN
224.900 -	WD6HFR		PALOMAR MTN., SAN DIEGO	OPEN
~~224.900 -~~	~~WB6RHQ~~	~~156.7~~	~~THOUSAND OAKS (CONDOR)~~	~~OPEN~~
224.920 -	WB6RHL	107.2	CLAIREMONT, SAN DIEGO (ECRA)	OPEN
224.920 -	N6WF		MONTICITO HEIGHTS	PRIVATE
224.920 -	KJ6JY	156.7	PALM DESERT (open autopatch)	OPEN
224.920 -	WB6FYR	94.8	HAUSER PEAK	OPEN
224.940 -	WA6DVG		MT. WILSON	OPEN
224.960 -	WB6DGF		HOLLYWOOD HILLS	CLOSED
224.960 -	WB6YFG		BLACK MTN. (COUVRA)	CLOSED
224.980 -	K6KGS		MT. OTAY	PRIVATE
224.980 -	K6KGS		SANTIAGO PEAK	PRIVATE
224.980 -	KA6RVK		RIVERSIDE	PRIVATE
224.980 -	WA6KYZ	131.8	EL PASO PK, INYOKERN	OPEN

SOUTHERN CALIFORNIA 440 FREQS - JUNE 1992

FREQS	CALL	PL	LOCATION / GROUP	STATUS
440.000 s	Simplex		* * * SIMPLEX AUTOPATCHES	* * *
441.000 s	Simplex		* * * CONTROL CHANNEL	* * *
441.500 s	Simplex		* * * PACKET FREQ.	* * *
445.000 s	Simplex		* * * SIMPLEX PATCHES	* * *
445.000	KA6UAI		PRIVATE SIMPLEX AUTOPATCH	PRIVATE
445.000	WB6RLB		PRIVATE SIMPLEX AUTOPATCH	PRIVATE
445.000	KB6IBB		PRIVATE SIMPLEX AUTOPATCH	PRIVATE
445.025 -	KK6HS		SO. CAL	PRIVATE
445.025 -	N6KZB		SO. CAL	PRIVATE
445.050 -	N6MNU		SO. CAL	PRIVATE
445.050 -	N6MNU		SO. CAL	PRIVATE
445.075 -	WA6TUB		SO. CAL	PRIVATE
445.075 -	WB7USY		SO. CAL	PRIVATE
445.100 -	WA6KRC		SO. CAL	PRIVATE
445.100 -	WD6CRB		SO. CAL	PRIVATE
445.125 -	WB6RIW		SO. CAL	PRIVATE
445.125 -	WB6RIW		SO. CAL	PRIVATE
445.125 -	WB6DAO		SO. CAL	PRIVATE
445.125 -	WA6IBE		SO. CAL	PRIVATE
445.150 -	WB6DGF		SO. CAL (AARC)	PRIVATE
445.175 -	WB9RNW		SO. CAL	PRIVATE
445.175 -	N6PC		SO. CAL	PRIVATE
445.200 -	AB6C		SO. CAL	PRIVATE
445.225 -	W6BAB		SO. CAL (CNS)	CLOSED
445.225 -	K6AAJ		SO. CAL	PRIVATE
445.225-	N6GLT		SO. CAL	PRIVATE

445.250 -	W6OFR		SO. CAL	PRIVATE
445.250 -	W6OFR		SO. CAL	PRIVATE
445.250 -	W6OFR		SO. CAL	PRIVATE
445.275 -	K6AHM		SO. CAL (DARN)	PRIVATE
445.300 -	WA6IGJ		SO. CAL (PLAYS 147.435)	PRIVATE
445.325 -	WA6MDJ		SO. CAL (BARC)	PRIVATE
445.325 -	WA6MDJ		SO. CAL (BARC)	PRIVATE
445.325 -	WA6DFU		SO. CAL	PRIVATE
445.325 -	WA6IPE		SO. CAL	PRIVATE
445.350 -	WA6DYX		SO. CAL	PRIVATE
445.350 -	KA6YTT		SO. CAL	PRIVATE
445.375 -	WA6LSE		SO. CAL	PRIVATE
445.375 -	WB6WMW		SO. CAL	PRIVATE
445.400 -	WD6DIH		SO. CAL (ALERT)	PRIVATE
445.400 -	WD6DIH		SO. CAL (ALERT)	PRIVATE
445.400 -	WD6DIH		SO. CAL (ALERT)	PRIVATE
445.425 -	WD6FZA		SO. CAL (PAPA)	PRIVATE
445.450 -	W6UE		SO. CAL	PRIVATE
445.450 -	NO6B		SO. CAL	PRIVATE
445.450 -	N6BYH		SO. CAL	PRIVATE
445.475 -	WB6ZTM		SO. CAL	PRIVATE
445.475 -	N6VMN		SO. CAL	PRIVATE
445.500 -	WA6CGR		SO. CAL	PRIVATE
445.500 -	WB6ZSU		SO. CAL	PRIVATE
445.525 -	WD6FZA		SO. CAL (PAPA)	PRIVATE
445.525 -	KV6I		SO. CAL (PAPA)	PRIVATE
445.550 -	W6GJS		SO. CAL (ABCRC)	PRIVATE
445.575 -	AB6Z		SO. CAL (AARC)	PRIVATE
445.575 -	AB6Z		SO. CAL (AARC)	PRIVATE
445.575 -	AB6Z		SO. CAL (AARC)	PRIVATE
445.575 -	AB6Z		SO. CAL (AARC)	PRIVATE
445.600 -	WA6ZRB		SO. CAL	PRIVATE
445.600 -	WA6ZRB		SO. CAL (CRN)	PRIVATE
445.600 -	WA6ZRB		SO. CAL	PRIVATE
445.625 -	KA6HFG		SO. CAL	PRIVATE
445.650 -	AB6Q		SO. CAL	PRIVATE
445.650 -	WA6GML		SO. CAL	PRIVATE
445.675 -	N6GTU		SO. CAL	PRIVATE
445.675 -	WA6YOT		SO. CAL	CLOSED
445.700 -	K7SA		SO. CAL	PRIVATE
445.700 -	N6SYC		SO. CAL	PRIVATE
445.725 -	K6QE		SO. CAL	PRIVATE
445.725 -	K6QE		SO. CAL	PRIVATE
445.750 -	K6JHX		SO. CAL	PRIVATE
445.750 -	K6ODB		SO. CAL	PRIVATE
445.775 -	N6OYF		SO. CAL	PRIVATE
445.775 -	N6VYA		SO. CAL	PRIVATE
445.800 -	WA6IBL		SO. CAL	PRIVATE
445.825 -	KA6CBE		SO. CAL (HAMS)(DARN)	PRIVATE
445.850 -	WB6ALD		SO. CAL	PRIVATE
445.850 -	WA6AJP		SO. CAL	PRIVATE
445.875 -	W6OC		SO. CAL	PRIVATE
445.900 -	KA6AZB		SO. CAL (HAMS)(DARN)	PRIVATE
445.900 -	K2QGT		SO. CAL (HAMS)	PRIVATE
445.900 -	N6ZCM		SO. CAL (HAMS)	PRIVATE
445.900 -	KA6TKA		SO. CAL (HAMS)	CLOSED
445.925 -	W6GNS	100.0	WHITTER HILLS (RHARC)	OPEN
445.925 -	WB6RSK	103.5	POMONA	OPEN
445.925 -	N6LQ	123.0	NEWBURY PARK	OPEN
445.925 -	WA6GDF	192.8	JUNIPER HILLS	OPEN
445.950 -	WA2AMB		SO. CAL (AARC)	PRIVATE
445.975 -	N6ACV		SO. CAL (SCRG)	PRIVATE
446.000	Simplex		* * * SIMPLEX ONLY * * *	* * *
446.025 -	WB6IGH		SO. CAL	PRIVATE
446.050 -	N6HTP		SO. CAL	PRIVATE
446.050 -	N6HTP		SO. CAL	PRIVATE
446.050 -	N6HTP		SO. CAL	PRIVATE
446.075 -	N6AOL		SO. CAL	PRIVATE
446.075 -	KB6CRE		SO. CAL	PRIVATE

446.075 -	WA6OFT		SO. CAL	PRIVATE
446.100 -	K6YZA		SO. CAL	PRIVATE
446.100 -	WB6NLU		SO. CAL	PRIVATE
446.100 -	KA6CYD		SO. CAL (HIGH DESERT REPEATERS)	PRIVATE
446.125 -	WB6MIE		SO. CAL	PRIVATE
446.150 -	W6ZRZ		SO. CAL (MARAPA)(DARN)	PRIVATE
446.175 -	WA6FXX		SO. CAL	PRIVATE
446.175 -	WA6FXX		SO. CAL	PRIVATE
446.200 -	WD6AZN		SO. CAL	PRIVATE
446.225 -	N6XOE		SO. CAL	PRIVATE
446.225 -	KI6QK		SO. CAL	TESTING
446.250 -	K6VGP		SO. CAL (DARN)	PRIVATE
446.275 -	W6OSM		SO. CAL (DRAT)(DARN)	PRIVATE
446.300 -	N6XC		SO. CAL	PRIVATE
446.300 -	KA6CYD		SO. CAL (HIGH DESERT REPEATERS)	PRIVATE
446.325 -	WA6TWF		SO. CAL	PRIVATE
446.325 -	WA6TWF		SO. CAL	PRIVATE
446.325 -	WA6TWF		SO. CAL	PRIVATE
446.350 -	WA6TWF		SO. CAL	PRIVATE
446.375 -	KA6CYD		SO. CAL. (HIGH DESERT REPEATERS)	PRIVATE
446.375 -	KD6KQ		SO. CAL (BRAVO)	PRIVATE
446.400 -	WB6IYP	103.5	JOHNSTONE PEAK	OPEN
446.400 -	K6TZ	131.8	SANTA BARBARA	OPEN
446.400-	WB6SIQ	100.0	HAUSER PEAK	OPEN
446.400 -	KA6UAI	100.0	SAN YSIDRO PEAK	OPEN
446.425 -	WA6RAY		SO. CAL	PRIVATE
446.450 -	WB6IYP		SO. CAL	OPEN
446.450 -	K0OV		SO. CAL	PRIVATE
446.475 -	WB6UCK		SO. CAL (STATE RACES)	PRIVATE
446.500 s	Simplex		* * * SIMPLEX ONLY * * *	* * *
446.525 -	WA6APQ		SO. CAL	PRIVATE
446.550 -	KA6ANH		SO. CAL (PIN)	PRIVATE
446.550 -	KA6ANH		SO. CAL (PIN)	PRIVATE
446.550 -	N6LXX		SO. CAL	PRIVATE
446.575 -	WA6FDG		SO. CAL	PRIVATE
446.575 -	WA6FDG		SO. CAL	PRIVATE
446.600 -	KK6LG		SO. CAL	PRIVATE
446.625 -	WA6KCV		SO. CAL	PRIVATE
446.625 -	WB6RAP		SO. CAL.	PRIVATE
446.650 -	W6FNO		SO. CAL (EARS)	PRIVATE
446.675 -	W6DEO		SO. CAL	PRIVATE
446.675 -	W6DEO		SO. CAL	PRIVATE
446.700 -	WA6TWF		SO. CAL	PRIVATE
446.725 -	KB6CRE		SO. CAL	PRIVATE
446.725 -	KB6CRE		SO. CAL	PRIVATE
446.725 -	WA6KGS		SO. CAL	PRIVATE
446.725 -	N6KXK		SO. CAL (IDEC)	PRIVATE
446.750 -	K6VGP		SO. CAL (DARN)	PRIVATE
446.750 -	KA6CUF		SO. CAL (ECRA)	CLOSED
446.750 -	N6CFC		SO. CAL	PRIVATE
446.750 -	WB6RHQ		SO. CAL.	PRIVATE
446.775 -	W6DEO		SO. CAL	PRIVATE
446.775 -	W6DEO		SO. CAL	PRIVATE
446.800 -	K6THQ		SO. CAL	PRIVATE
446.800 -	K6THQ		SO. CAL	PRIVATE
446.800 -	W1OQ		SO. CAL	PRIVATE
446.800 -	N6LXX		SO. CAL	PRIVATE
446.825 -	WA6LIF		SO. CAL	PRIVATE
446.825 -	WA6LIF		SO. CAL	PRIVATE
446.825 -	WA6LIF		SO. CAL	PRIVATE
446.825 -	WB6FIU		SO. CAL	PRIVATE
446.850 -	N6EHM		SO. CAL (DARN)	PRIVATE
446.850 -	N6EHM		SO. CAL (DARN)	PRIVATE
446.875 -	* * *		* * * TEST PAIR * * *	* * *
446.875 -	WT7L			TESTING
446.875 -	N6LJO			TESTING
446.875 -	KB6CJZ			TESTING
446.875 -	N6KES			TESTING
446.900 -	WB9RNW		SO. CAL	PRIVATE

446.900 -	WA6FTU		SO. CAL	PRIVATE
446.900 -	N6OA		SO. CAL	PRIVATE
446.900 -	WA6WDB		SO. CAL	CLOSED
446.925 -	WA6VCQ		SO. CAL	PRIVATE
446.950 -	WB6BVY		SO. CAL	PRIVATE
446.950 -	K6IPC		SO. CAL	PRIVATE
446.950 -	K6IPC		SO. CAL	PRIVATE
446.975 -	WA6ZVE		SO. CAL	PRIVATE
447.000 -	W6TRW	100.0	PALOS VERDES (TRW ARC) (also carrier sq.)	OPEN
447.000 -	W1CDM	107.2	MT. OTAY, SAN DIEGO	OPEN
447.000 -	WD6EBY	141.3	CAMARILLO	OPEN
447.000 -	KK6SS	100.0	APPLE VALLEY	OPEN
447.025 -	K6PVC	100.0	MT. WILSON (also carrier access)	OPEN
447.025 -	N6CHR	107.2	MT. OTAY, SAN DIEGO (SBRG)	OPEN
447.050 -	WA6GML		SO. CAL	PRIVATE
447.050 -	WA6GML		SO. CAL	PRIVATE
447.075 -	K6ZXZ		SO. CAL	PRIVATE
447.075 -	K6ZXZ		SO. CAL	PRIVATE
447.075 -	W6DEO		SO. CAL	PRIVATE
447.100 -	WB6ORK		SO. CAL (SARS)	PRIVATE
447.100 -	WD6AML		SO. CAL (SARS)	PRIVATE
447.100 -	WD6AML		SO. CAL (SARS)	PRIVATE
447.125 -	N6HSE		SO. CAL	PRIVATE
447.125 -	KB6MIP		SO. CAL	PRIVATE
447.150 -	W6AXC		SO. CAL	PRIVATE
447.150 -	N6HDG		SO. CAL	PRIVATE
447.150 -	N6HDG		SO. CAL	PRIVATE
447.175 -	WB6TPG		SO. CAL	PRIVATE
447.175 -	WB6TPG		SO. CAL	PRIVATE
447.200 -	KG6TC		SO. CAL	PRIVATE
447.200 -	KE6QH		SO. CAL (SCRN)	PRIVATE
447.200 -	KE6QH		SO. CAL (SCRN)	PRIVATE
447.225 -	WB6TZE		SO. CAL (KRN)	PRIVATE
447.225 -	N6AAP		SO. CAL	PRIVATE
447.250 -	KE6FX		SO. CAL	PRIVATE
447.250 -	W6TD		SO. CAL	PRIVATE
447.275 -	N6ME		SO. CAL	PRIVATE
447.275 -	N6ME		SO. CAL	PRIVATE
447.275 -	N6GWD		SO. CAL	PRIVATE
447.300 -	W6NRY		SO. CAL	PRIVATE
447.325 -	WB6TZS	94.8	TABLE MT.	OPEN
447.325 -	WB6ZTU		SULPHUR MTN. (SMRA, linked 224.02)	OPEN
447.325 -	W6UUS		SAN DIEGO	OPEN
447.325 -	WA6ZUF		PALM SPRINGS (Open Autopatch)	OPEN
447.325 -	KA6SJT		COVINA	OPEN
447.325 -	WA6QAG	103.5	WEST L.A., VA HOSPITAL	OPEN
447.325 -	KA6GRF	136.5	FONTANA (RACES)	OPEN
447.350 -	WA6TWE		SO. CAL	PRIVATE
447.350 -	WA6HRH		SO. CAL	PRIVATE
447.375 -	WA6DOD		SO. CAL	PRIVATE
447.375 -	WA6HCD		SO. CAL	PRIVATE
447.400 -	W6LKO		SO. CAL	PRIVATE
447.400 -	W6LKO		SO. CAL	PRIVATE
447.400 -	W6LKO		SO. CAL	PRIVATE
447.425 -	W6LKO		SO. CAL	PRIVATE
447.425 -	WB6UFQ		SO. CAL.	PRIVATE
447.450 -	WB6ODN		SO. CAL (WARN)	PRIVATE
447.475 -	NA6S		SO. CAL	PRIVATE
447.475 -	W6LKO		SO. CAL (O.C. ARES)	PRIVATE
447.475 -	W8AKF		SO. CAL	PRIVATE
447.500 -	K0JPK		SO. CAL	PRIVATE
447.525 -	KE6CF		SO. CAL	PRIVATE
447.550 -	KB6CRE		SO. CAL (BARN)	PRIVATE
447.550 -	WA6OFT		SO. CAL. (BARN)	PRIVATE
447.575 -	WD6EZI	100.0	CANOGA PARK (HUGHES ARC)	OPEN
447.575 -	W6QFK	131.8	SANTA ANITA RIDGE (SGVARC)	OPEN
447.575 -	K8MTC	100.0	INDIO	OPEN
447.575 -	KE6FX		SIMI VALLEY	OPEN
447.575 -	WB6QFE	131.8	BELL MTN., LANDERS	OPEN

447.575 -	WD6BUP	100.0	VENTURA	OPEN
447.600 -	W6GAE		SO. CAL	PRIVATE
447.600 -	WB2YXY		SO. CAL	PRIVATE
447.625 -	N6DD		SO. CAL (RN)	PRIVATE
447.625 -	N6DD		SO. CAL (CIS) (RN)	PRIVATE
447.625 -	KB6BOB		SO. CAL	PRIVATE
447.650 -	WB6NXP		SO. CAL	PRIVATE
447.650 -	N9PL		SO. CAL	PRIVATE
447.675 -	N6ENL		SO. CAL (SCRN)	PRIVATE
447.700 -	WA6KND		SO. CAL	PRIVATE
447.700 -	WB6FMC		SO. CAL	PRIVATE
447.700 -	N6GJN		SO. CAL.	PRIVATE
447.725 -	N6DKA		SO. CAL (CNS)	CLOSED
447.750 -	WA6PYJ		SO. CAL (CIS)	PRIVATE
447.775 -	WA6EQU		SO. CAL (CIS)	PRIVATE
447.775 -	WA6LWB		SO. CAL	PRIVATE
447.800 -	WA6DCR		SO. CAL	PRIVATE
447.800 -	WA6SYN		SO. CAL	PRIVATE
447.825 -	W6IWY		SO. CAL	PRIVATE
447.825 -	WA6RTV		SO. CAL	PRIVATE
447.825 -	XE2EH	136.5	CERRO BOLA, BAJA CALIF., MEXICO	OPEN
447.850 -	WA6JQB		SO. CAL	PRIVATE
447.875 -	WD6EDW		SO. CAL	PRIVATE
447.875 -	WD6EDW		SO. CAL	PRIVATE
447.900 -	WB6ORH		SO. CAL	PRIVATE
447.900 -	WD6AML		SO. CAL	PRIVATE
447.900 -	WD6AML		SO. CAL	PRIVATE
447.900 -	WB6ORK		SO. CAL	PRIVATE
447.925 -	N6GWD		SO. CAL	PRIVATE
447.925 -	WA6JBO		SO. CAL	PRIVATE
447.925 -	WA6RYO		SO. CAL	PRIVATE
447.950 -	WB6BRP		SO. CAL	PRIVATE
447.950 -	N6XZE		SO. CAL	PRIVATE
447.950 -	N6CRF		SO. CAL	PRIVATE
447.975 -	N6AHP		SO. CAL	PRIVATE
447.975 -	N6AHP		SO. CAL	PRIVATE
447.975 -	WB6DIJ		SO. CAL	PRIVATE
447.975 -	WB6DIJ		SO. CAL	PRIVATE
448.000 -	WA4RVO		SO. CAL	PRIVATE
448.000 -	N6GLT		SO. CAL	PRIVATE
448.000 -	WB6FMT		SO. CAL	CLOSED
448.025 -	WA6TWE		SO. CAL	PRIVATE
448.025 -	WA6TWE		SO. CAL	PRIVATE
448.025 -	WB6FZU		SO. CAL	PRIVATE
448.050 -	WD6AWP		SO. CAL	PRIVATE
448.075 -	WB6ELR		SO. CAL	PRIVATE
448.100 -	WB6FYM		SO. CAL	PRIVATE
448.125 -	WA6VLD		SO. CAL	PRIVATE
448.125 -	WB6FZU		SO. CAL	PRIVATE
448.150 -	WA6KXK		SO. CAL	PRIVATE
448.150 -	W6DEO		SO. CAL	PRIVATE
448.175 -	WB6IBD		SO. CAL (SMRA)	PRIVATE
448.175 -	WA6KXK		SO. CAL (SMRA)	PRIVATE
448.200 -	WB6DYM		SO. CAL (SCRN)	PRIVATE
448.200 -	WB6DYM		SO. CAL (SCRN)	PRIVATE
448.225 -	WA6EQU		SO. CAL (CRN)	PRIVATE
448.250 -	WA6ZPS		SO. CAL (SPARC)	PRIVATE
448.275 -	WD6AVV		SO. CAL	PRIVATE
448.275 -	WA6LUR		SO. CAL	PRIVATE
448.275 -	WA6CRM		SO. CAL	PRIVATE
448.275 -	AB6FA		SO. CAL	PRIVATE
448.300 -	WA6ZJT		SO. CAL	PRIVATE
448.325 -	W6KRW		SO. CAL (CPRA, APCO)	PRIVATE
448.325 -	WA6BZS		SO. CAL	PRIVATE
448.350 -	WB6AGQ	107.2	CRESTLINE	OPEN
448.350 -	W6MWA	141.3	VENTURA	OPEN
448.350 -	N6NMC	67.0	SANTA CLARITA	OPEN
448.350 -	N6WIK	100.0	LAGUNA NIGUEL	OPEN
448.350 -	N6UII	100.0	CHATSWORTH	OPEN

448.375 -	WD6AWP	SO. CAL	PRIVATE
448.375 -	WD6AWP	SO. CAL	PRIVATE
448.400 -	AA6NG	SO. CAL (CNS)	PRIVATE
448.400 -	WA6BZS	SO. CAL	PRIVATE
448.425 -	WB6IOJ	SO. CAL	PRIVATE
448.425 -	WB6IOJ	SO. CAL	PRIVATE
448.425 -	WJ6A	SO. CAL	PRIVATE
448.425 -	WB6DEJ	SO. CAL	PRIVATE
448.450 -	WB6ZJT	SO. CAL	PRIVATE
448.475 -	KB6C	SO. CAL (FRN)	PRIVATE
448.475 -	KB6C	SO. CAL (FRN)	PRIVATE
448.475 -	KB6C	SO. CAL (FRN)	PRIVATE
448.475 -	K7WS	SO. NEVADA (NARC)	PRIVATE
448.500 -	WA6VLD	SO. CAL (MLARA) *(PRIMARY SHUTTLE AUDIO)*	PRIVATE
448.500 -	WA6VLD	SO. CAL (MLARA)	PRIVATE
448.500 -	WA6VLD	SO. CAL (MLARA)	PRIVATE
448.525 -	N6ENL	SO. CAL (SCRN)	PRIVATE
448.525 -	N6ENL	SO. CAL (SCRN)	PRIVATE
448.525 -	N6ENL	SO. CAL (SCRN)	PRIVATE
448.550 -	WB6QEN	SO. CAL	PRIVATE
448.550 -	W6YRA	SO. CAL	PRIVATE
448.550 -	N6MQS	SO. CAL	PRIVATE
448.550 -	WV6L	SO. CAL	PRIVATE
448.550 -	WA6IPZ	SO CAL.	PRIVATE
448.550 -	K6TAZ	SO CAL.	PRIVATE
448.575 -	WA6IBY	SO. CAL	PRIVATE
448.575 -	WB6QEN	SO. CAL	PRIVATE
448.575 -	WB6NDD	SO. CAL	PRIVATE
448.600 -	K6TVE	SO. CAL	PRIVATE
448.600 -	WA6NSR	SO. CAL	PRIVATE
448.600 -	WA6COT	SO. CAL	PRIVATE
448.625 -	WB6TZF	SO. CAL (CRC)	PRIVATE
448.625 -	WA6TYY	SO. CAL (CRC)	PRIVATE
448.625 -	WA6RTV	SO. CAL (CRC)	PRIVATE
448.650 -	WA6TZD	SO. CAL (CRC)	PRIVATE
448.650 -	WB6TZC	SO. CAL (CRC)	PRIVATE
448.650 -	W6YJO	SO. CAL (CRC)(KRN)	PRIVATE
448.650 -	K6BDI	SO. CAL	PRIVATE
448.675 -	W6PNM	SO. CAL (CRC)	PRIVATE
448.675 -	KA6KTA	SO. CAL	PRIVATE
448.675 -	WB6TZH	SO. CAL (CRC)	PRIVATE
448.700 -	WA6IKH	SO. CAL	PRIVATE
448.700 -	WB6FYM	SO. CAL	PRIVATE
448.725 -	WA6COT	SO. CAL (CRC) (RRN)	PRIVATE
448.725 -	WA6COT	SO. CAL (CRC)	PRIVATE
448.750 -	WA6COT	SO. CAL (CRC)	PRIVATE
448.750 -	W6ZJU	SO. CAL (CRC)	PRIVATE
448.750 -	WA6COT	SO. CAL. (CRC)	PRIVATE
448.775 -	KM6BF	SO. CAL	PRIVATE
448.775 -	WD6APP	SO. CAL (SAN DIEGO RACES)	PRIVATE
448.775 -	N6GWD	SO. CAL	PRIVATE
448.800 -	WB6BOD	SO. CAL (COUVRA)	PRIVATE
448.800 -	WA6RJG	SO. CAL	PRIVATE
448.800 -	N7HLL	SO. CAL	PRIVATE
448.825 -	WB6ZOJ	SO. CAL (LARA)	PRIVATE
448.825 -	W6JYP	SO. CAL	PRIVATE
448.850 -	WA6UJS	SO. CAL (LARA)	PRIVATE
448.850 -	WB6HWW	SO. CAL	PRIVATE
448.850 -	WA6OWD	SO. CAL	PRIVATE
448.875 -	WA6ZOI	SO. CAL (LARA)	PRIVATE
448.875 -	N6ZF	SO. CAL	PRIVATE
448.875 -	WA6OWD	SO. CAL	PRIVATE
448.900 -	WA6ZSG	SO. CAL	PRIVATE
448.925 -	WA6ZZB	SO. CAL	PRIVATE
448.950 -	KK6HX	SO. CAL	PRIVATE
448.950 -	KE6VK	SO. CAL	PRIVATE
448.950 -	N6MBR	SO. CAL	PRIVATE
448.975 -	KA6KTA	SO. CAL (CRC)	PRIVATE
448.975 -	WB6ZIR	SO. CAL (CIS)	PRIVATE
449.000 -	WB6TZA	SO. CAL (CRC)	PRIVATE

449.000 -	WB6TZE		SO. CAL (CRC) (KRN)	PRIVATE
449.000 -	WB6TZF		SO. CAL (CRC)	PRIVATE
449.000 -	N6DD		SO. NEVADA (CRC)	PRIVATE
449.025 -	WB6DYM		SO. CAL (SCRN)	PRIVATE
449.025 -	WB6CLG		SO. CAL	PRIVATE
449.025 -	WA6VQZ		SO. CAL	PRIVATE
449.050 -	N6MH		SO. CAL	PRIVATE
449.050 -	N6MH		SO. CAL	PRIVATE
449.050 -	WB6ZQX		SO. CAL	PRIVATE
449.075 -	WA6ZUF		SO. CAL	PRIVATE
449.075 -	WA6ZMK		SO. CAL (COUVRA)	PRIVATE
449.075 -	WB6HTS		SO. CAL	PRIVATE
449.075 -	WB6ORK		SO. CAL	PRIVATE
449.100 -	W6KRW		SO. CAL	PRIVATE
449.125 -	WB6DGF		SO. CAL (AARC)	PRIVATE
449.125 -	N6QDC		SO. CAL (AARC)	PRIVATE
449.125 -	N6KHZ		SO. CAL	PRIVATE
449.125 -	KB6PI		SO. CAL (METRO)	PRIVATE
449.150 -	WA6VPL		SO. CAL	PRIVATE
449.150 -	W6NM		SO. CAL	PRIVATE
449.150 -	W6TD		SO. CAL	PRIVATE
449.150 -	N6VCM		SO. CAL	PRIVATE
449.175 -	W6KRW		SO. CAL	PRIVATE
449.175 -	N6LVR		SO. CAL (ECRA)	CLOSED
449.175 -	WA7HXO		SO. NEVADA (HXO)	PRIVATE
449.200 -	AA4CD		SO. CAL	PRIVATE
449.200 -	W6NVY		SO. CAL	PRIVATE
449.225 -	WB6YMH		SO. CAL (GFRN)	PRIVATE
449.225 -	WB6CYT		SO. CAL	PRIVATE
449.225 -	N6AQQ		ARIZONA	PRIVATE
449.250 -	WA6TXY		SO. CAL (OMARS) (CIS)	PRIVATE
449.250 -	WA6ZUF		SO. CAL	PRIVATE
449.250 -	WB6BOD		SO. CAL (COUVRA)	PRIVATE
449.275 -	W6LKO		SO. CAL	PRIVATE
449.275 -	WB6VSJ		SO. CAL	PRIVATE
449.300 -	K6KMN		SO. CAL (GRONK)	PRIVATE
449.300 -	WA7LAT		SO. NEVADA (HXO)	PRIVATE
449.300 -	W6TD		SO. CAL	PRIVATE
449.325 -	WA6YVX		SO. CAL	PRIVATE
449.325 -	AJ6L		SO. CAL	PRIVATE
449.325 -	WD6CZH		SO. CAL	PRIVATE
449.350 -	AA6RJ		SO. CAL	PRIVATE
449.350 -	KB6CRE		SO. CAL (BARN)	PRIVATE
449.350 -	WB6UKD		SO. CAL	PRIVATE
449.375 -	N6FWX		SO. CAL	PRIVATE
449.375 -	N6NGI		SO. CAL	PRIVATE
449.400 -	WB6SBH		SO. CAL	PRIVATE
449.400 -	WB6SBH		SO. CAL	PRIVATE
449.400 -	WB6SBH		SO. CAL	PRIVATE
449.400 -	WB6SBH		SO. CAL	PRIVATE
449.400 -	W6TD		SO. CAL	PRIVATE
449.425 -	W6NWG	107.2	PALOMAR MTN., SAN DIEGO	OPEN
449.425 -	W6GAE	107.2	ONTARIO	OPEN
449.425 -	WB6RIW	123.0	BIG BEAR MTN. - NORTH SHORE	OPEN
449.425 -	WB5EKU	67.0	OAT MTN.	OPEN
449.425 -	KA6GBJ		THOUSAND PALMS	OPEN
449.450 -	N6GWD		SO. CAL	PRIVATE
449.450 -	WB6SSO		SO. CAL	PRIVATE
449.475 -	N6YN		SO. CAL	PRIVATE
449.475 -	WB6NLU		SO. CAL	PRIVATE
449.475 -	N6YN		SO. CAL	PRIVATE
449.500 -	WA6GML		SO. CAL.	PRIVATE
449.500 -	N6ICC	107.2	MT. OTAY, SAN DIEGO (SANDRA)	OPEN
449.500 -	WB6KGS		SO. CAL	PRIVATE
449.500 -	W6IWY		SO. CAL	PRIVATE
449.525 -	WA6GSD		SO. CAL	PRIVATE
449.525 -	WB6SLC		SO. CAL	PRIVATE
449.525 -	WB6SLC		SO. CAL	PRIVATE
449.525 -	WB6HJW		SO. CAL	PRIVATE

449.550 -	WB6BBE		SO. CAL	PRIVATE
449.575 -	WB6QXK		SO. CAL	PRIVATE
449.575 -	N6CKS		SO. CAL	PRIVATE
449.575 -	WA6VVC		SO. CAL	PRIVATE
449.575 -	WB6BNQ		SO. CAL	PRIVATE
449.600 -	WX6N		SO. CAL	PRIVATE
449.600 -	WV6H		SO. CAL	PRIVATE
449.600 -	WV6H		SO. CAL	PRIVATE
449.600 -	KB6BF		SO. CAL	PRIVATE
449.625 -	W6JAM		SO. CAL (DRONK)	PRIVATE
449.625 -	WB6BOS		SO. CAL	PRIVATE
449.625 -	KB6IBB		SO. CAL	CLOSED
449.650 -	N6HAE		SO. CAL	PRIVATE
449.650 -	WA6KYZ		SO. CAL	PRIVATE
449.650 -	WA6VLF		SO. CAL	PRIVATE
449.675 -	W6KRW		SO. CAL	PRIVATE
449.675 -	KA6CYD		SO. CAL (HIGH DESERT REPEATERS)	PRIVATE
449.675 -	KC6N		SO. CAL	PRIVATE
449.700 -	WA6ZTJ		SO. CAL	PRIVATE
449.725 -	WA6ENS		SO. CAL (GFRN)	PRIVATE
449.725 -	WA6ENS		SO. CAL (GFRN)	PRIVATE
449.725 -	WA6ENS		SO. CAL (GFRN)	PRIVATE
449.750 -	WB6YMI		SO. CAL	PRIVATE
449.750 -	WA6AIR		SO. CAL	PRIVATE
449.775 -	W6JAM		SO. CAL (DRONK)	PRIVATE
449.775 -	K6CHE		SIGNAL HILL	OPEN
449.775 -	KA6CYD		SO. CAL (HIGH DESERT REPEATERS)	PRIVATE
449.775 -	WB6FMC		SO. CAL	PRIVATE
449.800 -	WB6BWU		SO. CAL	PRIVATE
449.800 -	WB6VPQ		SO. CAL	PRIVATE
449.800 -	WA6RQD		SO. CAL	PRIVATE
449.800 -	WA6VPL		SO. CAL	PRIVATE
449.825 -	KE6LE		SO. CAL	PRIVATE
449.825 -	WA6YVX	107.2	MT. LAGUNA (SANDRA)	OPEN
449.825 -	WA6BUZ		SO. CAL	PRIVATE
449.850 -	KA6RWW		SO. CAL	PRIVATE
449.850 -	N6JXI		SO. CAL	PRIVATE
449.850 -	N6JXI		SO. CAL	PRIVATE
449.850 -	NG6Q		SO. CAL	PRIVATE
449.875 -	WA6ZEP		SO. CAL	PRIVATE
449.875 -	WA6ZEP		SO. CAL	PRIVATE
449.875 -	WB6OIL		SO. CAL	PRIVATE
449.875 -	WA6OFT		COLO. RIVER, AZ. (BARN)	PRIVATE
449.900 -	WB6IOS		SO. CAL	PRIVATE
449.900 -	WB6IOS		SO. CAL	PRIVATE
449.900 -	WB6IOS		SO. CAL	PRIVATE
449.900 -	K6RYA		SO. CAL	PRIVATE
449.900 -	KB6CRE		COLO. RIVER, ARIZ. (BARN)	PRIVATE
449.925 -	KA6RWW		SO. CAL	PRIVATE
449.925 -	K7WS		SO. NEVADA (NARC)	PRIVATE
449.950 -	WA6JBO		SO. CAL	PRIVATE
449.950 -	WA6OFT		COLO. RIVER, ARIZ. (BARN)	PRIVATE
449.950 -	KB6CRE		SO. NEVADA (BARN)	PRIVATE
449.975 -	KA6MEP		SO. CAL (RTD ARC)	CLOSED
449.975 -	K6IUM		SO. CAL (RTD ARC)	CLOSED
449.975 -	K6IUM		SO. CAL (RTD ARC)	CLOSED
449.975 -	K6IUM		SO. CAL (RTD ARC)	CLOSED
449.975 -	KJ6AI	156.7	BULLHEAD CITY, ARIZONA	OPEN
927.8375	WB6RHQ	156.7	FRAZIER PEAK	OPEN

Listings with locations listed as "SO. CAL." were provided by SCRRBA, the Southern California Repeater & Remote Base Assoc.; To list actual locations would hinder their coordination efforts. For more exact locations, please contact them at their address listed in this directory. More than one listing of the same call on the same frequency means that system has more than one site on that frequency pair.

23 CM REPEATERS IN SOUTHERN CALIFORNIA - JUNE 1992

FREQ.	CALL	PL	LOCATION	
1282.025 -	W6KRW	88.5	SANTIAGO PEAK (O.C. RACES)	OPEN
1282.075 -	N6VTK	131.8	LA CRESCENTA (FILAMARS)	OPEN
1282.10 -	WB6ZTQ		SULPHUR MTN. (SMRA)	OPEN
1282.125-	WA6TFD	114.8	LOS ANGELES	OPEN
1282.15 -	WA6MDJ		SANTIAGO PEAK (BARC)	OPEN
1282.175 -	KB6MCI	123.0	OAT MTN. (SARA)	OPEN
1282.20 -	K6CHE		SIGNAL HILL, LONG BEACH	OPEN
1282.225 -	KK6SR	103.5	HUNTINGTON BEACH	OPEN
1282.25 -	WD8CIK		MT. WILSON	OPEN
1282.30 -	W6RHV		MT. OTAY, SAN DIEGO (SANDRA)	OPEN
1282.35 -	AA6TT	136.5	SADDLE PEAK	OPEN
1282.40 -	KB6FRW	103.5	PALOS VERDES (Gordon West ARC)	OPEN
1282.45 -	W6RZT	103.5	MT. WILSON (DEARS)	OPEN
1282.50 -	WA6NRB		MT. WILSON	OPEN
1282.55 -	N6UII		CHATSWORTH PEAK	OPEN
1282.60 -	K6RCL	131.8	GIBRALTER PEAK, SANTA BARBARA (CMRA)	OPEN
1282.65 -	KV6I	103.5	HOLLYWOOD HILLS	OPEN
1282.70 -	N6RJ		PLEASANTS PEAK	OPEN
1282.75 -	N6HXL	131.8	ARCADIA	OPEN
1282.80 -	W6KGS		PLEASANTS PEAK	OPEN
1282.85 -	KC6EEL		SANTA ANA	OPEN
1282.875 -	WB6QZK		WEST COVINA	OPEN
1282.90 -	N6MQS		VERDUGO PEAK	OPEN
1282.925 -	WA6BFH		SKY FOREST	OPEN
1283.00 -	1271.00		**** TEST PAIR ****	OPEN
1283.025 -	N6EXO		CONTRACTORS POINT	CLOSED
1283.05 -	KA6VHA		WHITTIER	CLOSED
1283.075 -	AA6QO		MOUNT LUKINS	CLOSED
1283.10 -	KB6ZDB		ANAHEIM RACES	CLOSED
1283.125 -	N6JGJ		LOS ANGELES	PRIVATE
1283.15 -	KG6LM		HUNTINGTON BEACH	CLOSED
1283.20 -	WA6GDF		MT. R, SAN BERNARDINO	CLOSED
1283.225 -	WB6HGW		MONTICITO HEIGHTS	CLOSED
1283.25 -	K6VGP		MT. DISAPPOINTMENT (DARN)	CLOSED
1283.30 -	WB6QFE		SANTA ANITA RIDGE	CLOSED
1283.325 -	N6YKE		PALOS VERDES	PRIVATE
1283.35 -	WA6GPP		IRVINE	OPEN
1283.375 -	NF6R		PACIFIC PALISADES	PRIVATE
1283.40 -	WA6WAJ		HUNTINGTON BEACH	CLOSED
1283.425 -	N6WXA		DIAMOND BAR	PRIVATE
1283.475 -	N6WPL		MT. LUKENS	PRIVATE
1283.50 -	WB6FOD		PALOS VERDES	CLOSED
1283.55 -	WX6N		PALOS VERDES	CLOSED
1283.60 -	WA6TWF		ANAHIEM	CLOSED
1283.625 -	AA6NV		CARSON	PRIVATE
1283.65 -	KL7GRF		PALOS VERDES (AMSAT)	CLOSED
1283.675 -	AA6RJ		CARSON	PRIVATE
1283.70 -	N6TBB		SANTIAGO PEAK	CLOSED
1283.75 -	KA6VHC		PALOS VERDES	CLOSED
1283.80 -	W6KGS		SANTIAGO PEAK	CLOSED
1283.85 -	K6VGP		PALOS VERDES (DARN)	CLOSED
1283.90 -	WA6CGR		SUNSET RIDGE	CLOSED
1283.95 -	KA6AZB		VERDUGO PEAK	CLOSED
1284.00 -	WA6TUG		COSTA MESA (autopatch)	OPEN
1284.025 -	KF6MJ		CERRITOS	CLOSED
1284.050 -	KB6MQQ		SUNSET RIDGE	CLOSED
1284.05 -	K6RCL		SANTA YNEZ PEAK	CLOSED
1284.125 -	KB6SUA		SANTIAGO PEAK	PRIVATE
1284.15 -	N6WBE		HOLLYWOOD HILLS (Koinonia Club)	CLOSED

1284.20 -	KA6CBE		SADDLE PEAK (HAMS)	CLOSED
1284.25 -	N6IGG		CASTRO PEAK	CLOSED
1284.30 -	KI6JL		CANYON COUNTY	CLOSED
1284.35 -	KA6RBJ		SANTA MONICA	CLOSED
1284.40 -	WB6POO		DOWNEY (ROCKWELL ARC)	CLOSED
1284.45 -	KI6RK		OAT MTN.	CLOSED
1284.50 -	K6MOZ		PALOS VERDES (DARN)	CLOSED
1284.65 -	WA6RLV		RATTLESNAKE MTN.	PRIVATE
1285.00 -	K6AHM		VERDUGO PEAK	CLOSED
1285.05 -	W6ATB		SANTIAGO PEAK	CLOSED
1285.10 -	WT6F		MT. LUKENS	CLOSED
1285.15-	KV6D		PALOS VERDES	CLOSED
1285.20 -	WA6ZUF		PALM SPRINGS (Camel Radio)	CLOSED
1285.25 -	NW6B		TUJUNGA	CLOSED
1285.35 -	KA6FJP		SYLMAR	CLOSED
1285.40 -	WA6ZFT		SAN DIEGO (ECRA)	CLOSED
1285.40 -	WA6ZUF		BOX SPRINGS, RIVERSIDE	PRIVATE
1285.45 -	N6AQQ		SNOW PEAK (Camel Radio)	CLOSED
1285.50 -	K6KGS		SANTIAGO PEAK	PRIVATE
1285.60 -	AB6BX		MOUNT LUKENS	PRIVATE
1285.80 -	WA6ZFT		MT. OTAY	PRIVATE
1285.95 -	N6SIM		FULLERTON	PRIVATE
1286.00 -	KA6RWW		RUNNING SPRINGS	PRIVATE
1286.05 -	WA6PMX		LA PALMA	CLOSED
1286.10 -	W6***		SO. CAL	PRIVATE
1286.15 -	KC6CCC		SAN CLEMENTE	PRIVATE
1286.15 -	WB6KLL		MT. FRAZIER (CMRA)	CLOSED
1286.20 -	KI6RK		HAUSER PEAK (CMRA)	CLOSED
1286.250 -	KG6YS		KELLER PEAK	PRIVATE
1286.30 -	W6VPZ	100.0	PALOS VERDES (Northrop ARC)	OPEN
1286.40 -	N6RHZ		BLUE RIDGE	PRIVATE
1286.70 -	N6RHZ		MT. LUKENS	CLOSED
1286.750 -	N6OGM		SANTIAGO PEAK	CLOSED
1286.90 -	N6AVI		SUNSET RIDGE	CLOSED
1286.95 -	K6RR		PLEASANTS PEAK	CLOSED
1287.00 -	N6SPS		MT. WILSON (Videcom ARC)	CLOSED
1287.00 -	N6SPS		PALOS VERDES (Videcom ARC)	CLOSED
1287.10 -	N6SPS		PALOS VERDES (Videcom ARC)	CLOSED
1287.50 -	AB6BX		MT. LUKENS	PRIVATE
1287.70 -	AB6BX		HIGHLAND PARK	PRIVATE
1288.00 -	WA6GDF		JUNIPER HILLS	CLOSED
1289.25	****		SOUTHERN CALIFORNIA ATV SIMPLEX	****
1294.10 s	****		**** PACKET CALLING FREQUENCY ****	****
1294.50	****		SOUTHERN CALIFORNIA NBFM SIMPLEX	****
1294.70	SIMPLEX		REMOTE BASE CALLING FREQUENCY	****
1294.90	* SSB *		SO. CAL. SSB NOVICE CALLING FREQ	****
1296.00	* * * *		Simplex, EME & WEAK SIGNAL, NO FM	****
1296.10	* SSB *		SO. CAL. SSB CALLING FREQUENCY	****
1296.30	W6KGS		SANTIAGO PEAK (GRID DM-13)	BEACON

In the 2 meter band, a minus (-) sign means the repeater input is down 600 kHz.
In the 2 meter band, a plus (+) sign means the repeater input is up 600 kHz.
In the 220 Mhz band, a minus (-) sign means the repeater input is down 1.6 MHz.
In the 220 Mhz band, Condor system use 5B for local area, 5A for interconnect.
In the 440 Mhz band, a minus (-) sign means the repeater input is down 5.0 MHz.
In the 23 cm band, a minus (-) sign means the repeater input is down 12 MHz.
In the 10 meter band, a minus (-) sign means the repeater input is down 100 kHz.
In the 6 meter band, a minus (-) sign means the repeater input is down 500 kHz.
In all bands, the "s" figure stands for simplex.

10 METER REPEATERS IN SOUTHERN CALIFORNIA - JUNE 1992

FREQ.	CALL	PL	LOCATION	
29.62 -	NI8H	107.2	LOS ANGELES	OPEN
29.64 -	W6KRW	107.2	SANTIAGO PEAK	OPEN
29.66 -	WB6VRN	107.2	ARCADIA (linked to 51.86)	OPEN
29.68 -	WB6IGH	107.2	JOHNSTONE PEAK	OPEN

6 METER REPEATERS IN SOUTHERN CALIFORNIA - JUNE 1992

51.70 -	WA6PMX		CATALINA ISLAND	OPEN
51.72 -	W6***		SO. CAL	PRIVATE
51.74 -	N6ME		FULLERTON (WARA) (linked to 145.400, 224.180)	OPEN
51.76 -	WA6BFH		SKY FOREST	OPEN
51.78 -	WA6AJP		CHINO HILLS	OPEN
51.80 -	N6TCO	67.0	CONTRACTORS POINT	OPEN
51.82 -	W6***		SO. CAL	PRIVATE
51.84 -	WB6ZCO		CAMARILLO	OPEN
51.86 -	W6VIO	103.5	PASADENA (linked to 29.66)	OPEN
51.88 -	N6UGD		WESTCHESTER (Loyola Marymount ARC)	OPEN
51.92 -	WA6MDJ		BALDWIN HILLS	OPEN
52.50 -	WA6ZOI		MT. WILSON	OPEN
52.56 -	N6BKL		MT. FRAZIER	OPEN
52.58 -	K0JPK		TOPANGA PEAK (COLA)	OPEN
52.60 -	WA6ZZL	107.2	CUYAMACA PEAK (SAN DIEGO RACES)	OPEN
52.62 -	W6KRW	103.5	SANTIAGO PEAK (OC RACES)	OPEN
52.64 -	KB6CJZ	173.8	HUNTINGTON BEACH	OPEN
52.66 -	WA6YVL		PALMDALE	OPEN
52.66 -	N6SXH		POTRERO	OPEN
52.70 -	* * * * *		* * TEST PAIR * *	* * * *
52.72 -	W6***		SO. CAL	PRIVATE
52.74 -	N6ENL	127.3	MT. LUKENS	OPEN
52.76 -	W6***		SO. CAL	PRIVATE
52.78 -	KA6KTA	107.2	SANTA ROSA	OPEN
52.80 -	W6***		SO. CAL	PRIVATE
52.82 -	W6***		SO. CAL	PRIVATE
52.84 -	WB6ARQ	71.9	MT. WILSON	OPEN
52.90 -	KB6MIP	82.5	FULLERTON	OPEN
52.92 -	KA6SOX		SANTA BARBARA	OPEN
52.94 -	W6***		SO. CAL	PRIVATE
52.96 -	W6***		SO. CAL	PRIVATE
52.98 -	KB6GVT	103.5	RIM FOREST (RACES)	OPEN
52.98 -	WB6IBD		RED MTN., VENTURA (SMRA)	OPEN

ATV REPEATERS IN SOUTHERN CALIFORNIA - JUNE 1992

919.250	WB6VVV	ATV	LAKE ARROWHEAD (input 434.0)	OPEN
919.250	NU6X	ATV	OAT MOUNTAIN (input 434.0)	OPEN
1241.25	K6KMN	ATV	MT. WILSON (input 434.0) Net Mon 8 pm, 146.43	OPEN
1253.25	WA6SVT	ATV	SANTIAGO PK. (input 434.0) Net Tues 8 PM	OPEN
1253.25	WA6UCL	ATV	SULPHUR MTN. (input 434.0) SMRA	OPEN
1253.25	K3NXF	ATV	BUELLTON (input 434.0)	OPEN
1253.25	KB7BY	ATV	MOUNT POTOSI (input 434.0)	OPEN
1277.25	WA6ZVE	ATV	LOOP CYN, (input 434.0)	OPEN
1277.25	WB6KMO	ATV	SANTA BARBARA (input 434.0)	OPEN
1277.25	WA6VLF	ATV	MT. SAN MIGUEL, S.D. (input 434.0)	OPEN

* * REPEATER SYSTEM ABBREVIATIONS * *

AARC	ANOTHER AMATEUR RADIO CLUB
ABCRC	ABC RADIO CLUB
ALERT	AMATEUR LICENSE EMERGENCY RESPONSE TEAM
ARES	AMATEUR RADIO EMERGENCY SERVICE
BARC	BALDWIN HILLS AMATEUR RADIO CLUB
BARN	BIKINI AMATEUR RADIO NETWORK
BFI	BURRO FLATS INTERTIE
CAMEL	CALIFORNIA ASSOCIATION MICROWAVE EXTENDED LINKING
CNS	CAL NET SOUTH
CONDOR	CONDOR CONNECTION
COUVRA	CONSOLIDATED UHF/VHF RADIO ASSOCIATION
CIS	CACTUS INTERTIE SYSTEM
CRC	CACTUS RADIO CLUB
CRN	CROSSBAR RADIO NETWORK
DANG	DISASTER AMATEUR RADIO GROUP
DARN	DISASTER AMATEUR RADIO NETWORK
DRAT	DOCTOR RIPLEY'S AWESOME TELECOMMUNICATION
DRONK	DRONK
EARS	EDGEWOOD AMATEUR RADIO SOCIETY
ECRA	EAST COUNTY REPEATER ASSOCIATION
FAAARC	FEDERAL AVIATION AGENCY AMATEUR RADIO CLUB
FRN	FLAKE RADIO NETWORK
GFRN	GRAND FUNK RADIO NETWORK
HAMS	HILLTOP AMATEUR MASTERTIE SYSTEM
HROC	HENRY RADIO ORANGE COUNTY
JAARS	JAPANESE AMERICAN AMATEUR RADIO SOCIETY
JPL ARC	JET PROPULSION LAB AMATEUR RADIO CLUB
KRN	KELP RADIO NETWORK
LAPG	LOS ANGELES PACKET GROUP
LARA	LOS ANGELES RADIO ASSOCIATION
MARAPA	MARINA AUTOPATCH ASSOCIATION
NARC	NEVADA AMATEUR RADIO CLUB
NHRBA	NORTH HOLLYWOOD REMOTE BASE ASSOCIATION
OMARS	OAT MOUNTAIN AMATEUR RADIO SOCIETY
PAPA	POCKET AUTO PATCH ASSOCIATION
PIN	PACIFIC INTERTIE NETWORK
QCWA	QUARTER CENTURY WIRELESS ASSOCIATION
RACES	RADIO AMATEUR CIVIL EMERGENCY SERVICE
RHARC	RIO HONDO AMATEUR RADIO CLUB
RN	RAVEN NETWORK
RRN	RABBIT RADIO NETWORK
RTDARC	RAPID TRANSIT DISTRICT AMATEUR RADIO CLUB
SANDRA	SAN DIEGO RADIO ASSOCIATION
SARS	SASQUATCH AMATEUR RADIO SOCIETY
SBRG	SOUTH BAY REPEATER GROUP
SCATS	SO. CAL. AMATEUR TELETYPE SOCIETY
SCEARA	SO. CAL. EXPERIMENTAL AMATEUR RADIO ASSOCIATION
SCDCC	SO. CAL. DIGITAL COMMUNICATIONS COUNCIL
SCDXC	SO. CAL. DX CLUB
SCRG	SOUTH COAST REPEATER GROUP
SCRN	SOUTHERN CALIFORNIA RADIO NETWORK
SGVARC	SAN GABRIEL VALLEY AMATEUR RADIO CLUB
SMRA	SULPHUR MOUNTAIN REPEATER ASSOCIATION
SPARC	SADDLE PEAK AMATEUR RADIO CLUB
SPARK	SANTIAGO PEAK AMATEUR RADIO KLUB
STARS	SHADE TREE AMATEUR RADIO SYSTEM
TORRA	TOURNAMENT OF ROSES RADIO ASSOCIATION
VERA	VALLEY EMERGENCY REPEATER ASSOCIATION
WARA	WESTERN AMATEUR RADIO ASSOCIATION
WARN	WESTERN AMATEUR RADIO NETWORK

BAND PLANS FOR SOUTHERN CALIFORNIA
in use by
SCRRBA, TASMA, 220 SMA
by Karl Pagel, N6BVU

The following are the community-accepted bandplans in use in the southern California area. The borders of this area are: the Pacific Ocean on the west; Mexico on the south; the combined Arizona-Nevada border on the east, extending up to the Mono-Alpine County line; then south along the Mono-Toulumne County line, south along the Mono-Madera County line, south along the Mono-Fresno County line, south along the Fresno-Inyo County line, south along the Inyo-Tulare County line to the Kern County line, south along Highway 14 just a little west of the Kern-San Bernardino County line to the Los Angeles-Kern County line, then west along that line past the 5 freeway and along the Kern-Ventura County line to an area near the 33/166 intersection, then west along the Santa Barbara-San Luis Obispo County line to the Pacific Ocean. The northern California coordination council, N.A.R.C., the Northern Amateur Relay Council, jointly coordinates parts of both San Luis Obispo and Kern Counties with us, so as to avoid conflicts along our overlapping coverage areas.

The Southern California Repeater and Remote Base Association (SCRRBA) handles spectrum management and repeater, remote base, and auxiliary link coordinations in the 10 Meter, 6 Meter, 420-450 MHz, 902-928 MHz, 1240-1300 MHz, and all above microwave bands.

The Two-meter Area Spectrum Management Association (TASMA) handles the spectrum management and repeater coordinations in the 144-148 MHz area.

The Two-Twenty Spectrum Management Association (220SMA) handles the spectrum management and repeater, remote base, and auxiliary link coordinations in the 222-225 MHz area.

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10 Meters 28.0-29.70 MHz

Pair	Input	Output	
simplex	29.50 MHz		
1	29.52	29.62 MHz	20 kHz channels
2	29.54	29.64	16F3 emissions
3	29.56	29.66	100 kHz repeat spacing (offset)
4	29.58	29.68	107.2 or 156.7 Hz CTCSS input
simplex	29.60		protection recommended

6 Meters 50-54 MHz

50.00-50.10		CW, beacons
	50.06-50.08	beacon sub-band
50.10-50.30		ssb, CW
	50.125	ssb calling channel
50.30-50.60		all modes
50.60-50.80		non-voice modes (digital/packet/RTTY)
	50.62	digital/packet calling channel
50.80-51.00		radio remote control (9 20 kHz channels)

16K0F3E emissions, 20 kHz even channels

Pair	Input	Output		Pair	Input	Output		Pair	Input	Output	
		51.02	DX			52.02	Simplex			53.00	Simplex
		51.04	DX			52.04	Simplex			53.02	Simplex
		51.06	DX	20.	52.00	52.50				53.10	RC
		51.08	DX			52.525	Simplex			53.20	RC
		51.10	DX			52.54	Simplex			53.30	RC
		51.50	Simplex	21.	52.06	52.56				53.40	RC
		51.52	Simplex	22.	52.08	52.58				53.50	RC
		51.54	Simplex	23.	52.10	52.60				53.52	Simplex
		51.56	Simplex	24.	52.12	52.62		43.	53.04	53.54	
		51.58	Simplex	25.	52.14	52.64		44.	53.06	53.56	
		51.60	Simplex	26.	52.16	52.66		45.	53.08	53.58	
1.	51.12	51.62	Packet	27.	52.18	52.68				53.60	RC
2.	51.14	51.64	Packet	28.	52.20	52.70		46.	53.12	53.62	
3.	51.16	51.66	Packet	30.	52.22	52.72		47.	53.14	53.64	
4.	51.18	51.68	Packet	31.	52.24	52.74		48.	53.16	53.66	
5.	51.20	51.70		32.	52.26	52.76		49.	53.18	53.68	
6.	51.22	51.72		33.	52.28	52.78				53.70	RC
7.	51.24	51.74		34.	52.30	52.80		50.	53.22	53.72	
8.	51.26	51.76		35.	52.32	52.82		51.	53.24	53.74	
9.	51.28	51.78		36.	52.36	52.86		52.	53.26	53.76	
10.	51.30	51.80		37.	52.38	52.88		53.	53.28	53.78	
11.	51.32	51.82		38.	52.40	52.90				53.80	RC
12.	51.34	51.84		39.	52.42	52.92		54.	53.32	53.82	
13.	51.36	51.86		40.	52.44	52.94		55.	53.34	53.84	
14.	51.38	51.88		41.	52.46	52.96		56.	53.36	53.86	
15.	51.40	51.90		42.	52.48	52.98		57.	53.38	53.88	
16.	51.42	51.92		XXXXXXXXXXXXXXXXXXXXXXX						53.90	Simplex
17.	51.44	51.94		X 500 kHz spacing X				58.	53.42	53.92	
18.	51.46	51.96		X 20 kHz channels X				59.	53.44	53.94	
19.	51.48	51.98		X 61 repeater pairs X				60.	53.46	53.96	
				X 17 Radio Control X				61.	53.48	53.98	
				X 14 Simplex X							
				XXXXXXXXXXXXXXXXXXXXXXX							

Two Meters 144-148 MHz

The bandplan for 2 meters in southern California is somewhat complex. There are simplex channels used for repeater inputs, repeater outputs, packet, ATV, remote base dumps, ssb, CW, simplex autopatches, SAREX, and T-hunts. Parts of the bandplan have been set-aside on a gentleman's agreement only, parts have been done on a mandatory basis, and parts have been voted upon in a democratic manner.

The first 100 kHz of the band are for CW only: this is not by our choosing, but by the Federal Communications Commission's rules. Use of FM or SSB between 144.000-144.100 MHz is a violation of 97.305(c). There has been a long-standing gentleman's agreement that SSB would stay between 144.100-144.300 MHz and FM'ers should avoid using that area for simplex. AMSAT decided to take 144.425-144.475 MHz to use as the mode-J input for OSCAR 13. This area should be avoided by FM or packet users.

The area between 144.500-144.900 are the repeater inputs for the 145.120-145.500 repeater outputs. It is NOT to be used for simplex.

The 144.900-145.100 area will someday be used entirely for packet. Currently there is still FM activities on 144.93; 144.95; 144.97; and 144.985 MHz. Until new assignments can be found for those FM users the packet use is confined to 144.91 and 145.01-145.09 MHz. Packet now has an additional 100 kHz of spectrum between 145.600-145.700 MHz. Use of the area between 145.800-146.000 MHz is in use for AMSAT/OSCAR activity.

Because some of the simplex channels are in use for repeater inputs or repeater outputs, care should be used to avoid deliberate interference by operating at least 15 kHz away from any known system. They are;

146.400	AA6TK/R input	147.435 output	Saddle Peak
146.415	N6EXO/R input	147.450 output	Contractors Point
146.475	WB6FZC/R input	147.420 output	San Diego
146.505	WB6PFW/R input	147.460 output	Big Bear City
146.505	W6VLD/R input	147.465 output	Huntington Beach
147.410	KA6NCR/R input	144.970 output	Johnstone Peak

Some simplex frequencies have been identified for special use:

144.95/145.55 MHz SAREX
146.460 440 MHz remote bases
147.525 222 MHz remote bases
144.390 ATV
146.430 ATV
146.565 T-hunts

What's left for FM simplex ? The area between 144.300-144.425 MHz, 144.475-144.500. 145.500-145.600. 145.700-145.800 (this is where also most of the simplex autopatches are found), 146.52-146.595. 147.480-147.585 MHz.

```
144.000 band edge
   ¦    CW ONLY see 97.305(c)
144.100
   ¦    SSB only (by gentleman's agreement)
144.300
   ¦    simplex
144.425
   ¦    Mode J input to OSCAR 13
144.475
   ¦    simplex
144.500
   ¦    repeater inputs ONLY, see 97.205(b) (even digits only)
144.900
   ¦    future packet band (currently only 144.91 allocated for packet)
145.000
   ¦    packet on .01/.03/.05/.07/.09
145.100
   ¦    repeater outputs every 20 kHz channels (even digits only)
145.500
   ¦    simplex
145.600
   ¦    packet on .61/.63/.65/.67/.69
145.700
   ¦    simplex, simplex autopatches
145.800
   ¦    ssb, CW only; OSCAR satellite inputs and outputs
146.000
   ¦    repeater input and outputs every 15 kHz
146.415
   ¦    simplex, except as noted above (odd-split repeaters)
146.600
   ¦    repeater inputs and outputs every 15 kHz
147.000
   ¦    repeater inputs and outputs every 15 kHz
147.400
   ¦    simplex, except as noted above (odd-split repeaters)
147.600
   ¦    repeater inputs and outputs every 15 kHz
148.000 band edge
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The 1.25 Meter Band - 222-225 MHz

Thanks to the Federal Communications Commission, the amateurs recently lost the use of 220-222 MHz, which was re-allocated to the Private Land Mobile community to test and use ACSSB (Amplitude Compandered Single SideBand). The remaining three megahertz in the southern California was voted to be used almost entirely for repeater relay use. The weak-signal community was not given hardly any spectrum in which to operate, although there is a Petition for Rulemaking that the ARRL has filed (RM-7869) to mandate 222.0-222.15 for non-repeater activities, much the same that Part 97.205(b) had given the same protection between 220.00-220.50 MHz.

This is the current bandplan in use in the southern California area:

input output	input output	input output	input output
222.02-223.62	222.42-224.02	222.82-224.42	223.22-224.82
222.04-223.64	222.44-224.04	222.84-224.44	223.24-224.84
222.06-223.66	222.46-224.06	222.86-224.46	223.26-224.86
222.08-223.68	222.48-224.08	222.88-224.48	223.28-224.88
222.10-223.70	222.50-224.10	222.90-224.50	223.30-224.90
222.12-223.72	222.52-224.12	222.92-224.52	223.32-224.92
222.14-223.74	222.54-224.14	222.94-224.54	223.34-224.94
222.16-223.76	222.56-224.16	222.96-224.56	223.36-224.96
222.18-223.78	222.58-224.18	222.98-224.58	223.38-224.98
222.20-223.80	222.60-224.20	223.00-224.60	223.40 = voice simplex
222.22-223.82	222.62-224.22	223.02-224.62	223.42 = voice simplex
222.24-223.84	222.64-224.24	223.04-224.64	223.44 = voice simplex
222.26-223.86	222.66-224.26	223.06-224.66	223.46 = voice simplex
222.28-223.88	222.68-224.28	223.08-224.68	223.48 = voice simplex
222.30-223.90	222.70-224.30	223.10-224.70	223.50 = voice simplex
222.32-223.92	222.72-224.32	223.12-224.72	223.52 = voice simplex
222.34-223.94	222.74-224.34	223.14-224.74	223.54 = packet/digital
222.36-223.96	222.76-224.36	223.16-224.76	223.56 = packet/digital
222.38-223.98	222.78-224.38	223.18-224.78	223.58 = packet/digital
222.40-224.00	222.80-224.40	223.20-224.80	223.60 = packet/digital

The area between the bottom band-edge (222.00) and 1/2 of the input frequency of the first repeater pair (222.02) was given to the weak-signal community (222.000-222.010), a bare 10 kHz. Hopefully, until a new bandplan can be undertaken for use in southern California area, the weak-signal community can sucessfully use some of the repeater pairs' input frequencies (it would be a good idea for them to notify the repeater trustee of their intentions, so as to avoid any unpleasant situations) for their occasional contest or day-to-day use.

The seventy-two remote base systems and over one hundred auxiliary link users that had occupied the 220.0-222.0 MHz portion of the band have had to transfer their systems to other frequency bands, because there was not sufficient space for them in the already-crowded 222.0-225.0 MHz part of the band. The weak-signal community was not the only user who lost operating spectrum when we lost 220-222 MHz. Many thousands of dollars of 220 MHz gear has had to be scrapped because of the loss of this part of the 1.25 meter band.

70/75 centimeters - 420-450 MHz

```
-----------------------------------------------------------------------
¦  TWO-WAY    ¦      ATV       ¦  ONE-WAY  ¦ REPEATER & REMOTELY        ¦
¦ AUXILIARY   ¦      SSB       ¦ AUXILIARY ¦ CONTROLLED STATIONS        ¦
¦   LINKS     ¦      AM        ¦   LINKS   ¦           ¦                ¦
¦     &       ¦      CW        ¦     &     ¦  INPUTS   ¦    OUTPUTS     ¦
¦    ATV      ¦     OSCAR      ¦  PACKET   ¦           ¦                ¦
-----------------------------------------------------------------------
420          430              438         440         445            450
```

As noted in Part 97.303(b)&(f)(2)(3)&(4), we amateurs share the 420-450 MHz band on a secondary basis with the United States Government Radiolocation Service, otherwise known as RADAR. There has been wide-spread talk of losing the use of the band due to the number of closed or private repeater or remote base systems on the band. Nothing could be further from the truth. As long as the US Govt is the primary user of the band, we will be the secondary users of the band. Almost every US Govt ship that sails, or US Govt plane that lands, at Long Beach, San Diego, or Point Mugu, has a 420-450 RADAR on board. And, there is constant testing going on daily by private contractors testing US Govt radios on the band.

If you recall, the main reason the amateurs lost 220-222 MHz, was because the US Govt told the Interdepartmental Radio Advisory Committee (IRAC), who told the FCC back in 1978 that they would have no further use of 216-225 MHz after 1990. So, at the 1979 WARC meeting in Geneva, the FCC proposed to re-allocate 216-220 to the IWCS, 220-222 to Land Mobile, and 222-225 MHz to the amateur community on a primary basis.

Repeater or remote base assignments are on 25 kHz channels, 20F3 emmissions (plus or minus 5 kHz deviation), with 5 MHz spacing between inputs and outputs. Special use simplex frequencies are noted as:

426.250	ATV video frequency
430.750	ATV audio frequency
434.000	ATV video frequency
438.500	ATV audio frequency
439.000	Simplex digital communications (100 kHz max bandwidth, non-voice) ground use only, no mountain tops.
439.500	FM Simplex ATV coordination channel (voice), ground use only.
440.000	FM Simplex autopatch, ground use only.
441.000	FM Simplex repeater/remote control (non-voice/tone only) ground transmit only.
441.500	Simplex digital communications (20 kHz max bandwidth. non-voice) ground use only.
441.875	Test Pair input, CTCSS decode required.
445.000	FM Simplex autopatch, ground use only.
446.000	FM Simplex (voice).
446.500	FM Simplex (voice).
446.875	Test Pair output, CTCSS encode recommended.

33 centimeters (902-928 MHz)

The 902-928 MHz band is what some call a "junk" band. It contains the usual military users; Industrial, Scientific, and Medical (ISM, Part 18); Government (non-military); Automatic Vehicle Monitoring (AVM, Part 90); and Radio Frequency Devices (RFD, Part 15). In all cases except RFD, the amateur radio service is secondary and/or must tolerate any and all interference. The adopted 33cm plan for southern California recognizes the only segments of the band available to the amateur radio service in urban areas are 902-903 and 927-928 MHz. 912-918 MHz is the only spectrum wide enough to support ATV and only as simplex and/or an out of band ATV repeater input (with output on 23cm).

There is 400 kHz of spectrum allocated for digital communications. 300 kHz of this spectrum is within the edges of the ATV segment which represents an engineering solution that SCRRBA has successfully employed on other bands. This digital spectrum is to be used in 100 kHz bandwidth segments for 25 kHz or greater bandwidth, high baud rate, backbone type activities, coordinated on a case-by-case basis. This spectrum is not intended for direct use by standard narrow bandwidth users.

902.00 band edge
¦ weak signal
902.10
¦ INPUTS of repeaters & point-to-point links (1)
903.00
¦ Automatic Vehicle Monitoring
912.00
¦ Digital (2)
912.10
¦ Digital (3)
912.20
¦ ATV simplex &
¦ ATV repeater INPUT (4)
913.25 Visual carrier
917.75 Aural carrier
¦
917.90
¦ Digital (5)
918.00
¦ Automatic Vehicle Monitoring
927.00
¦ Digital (6)
927.10
¦ OUTPUTS of repeaters & point-to-point links (7)
928.00 band edge

- Footnotes 1 & 7 point-to-point links are for ground to hilltop only. Hilltop-to-hilltop links will not be allowed.
- Footnotes 2, 3, & 5 wide band digital ground transmit only.

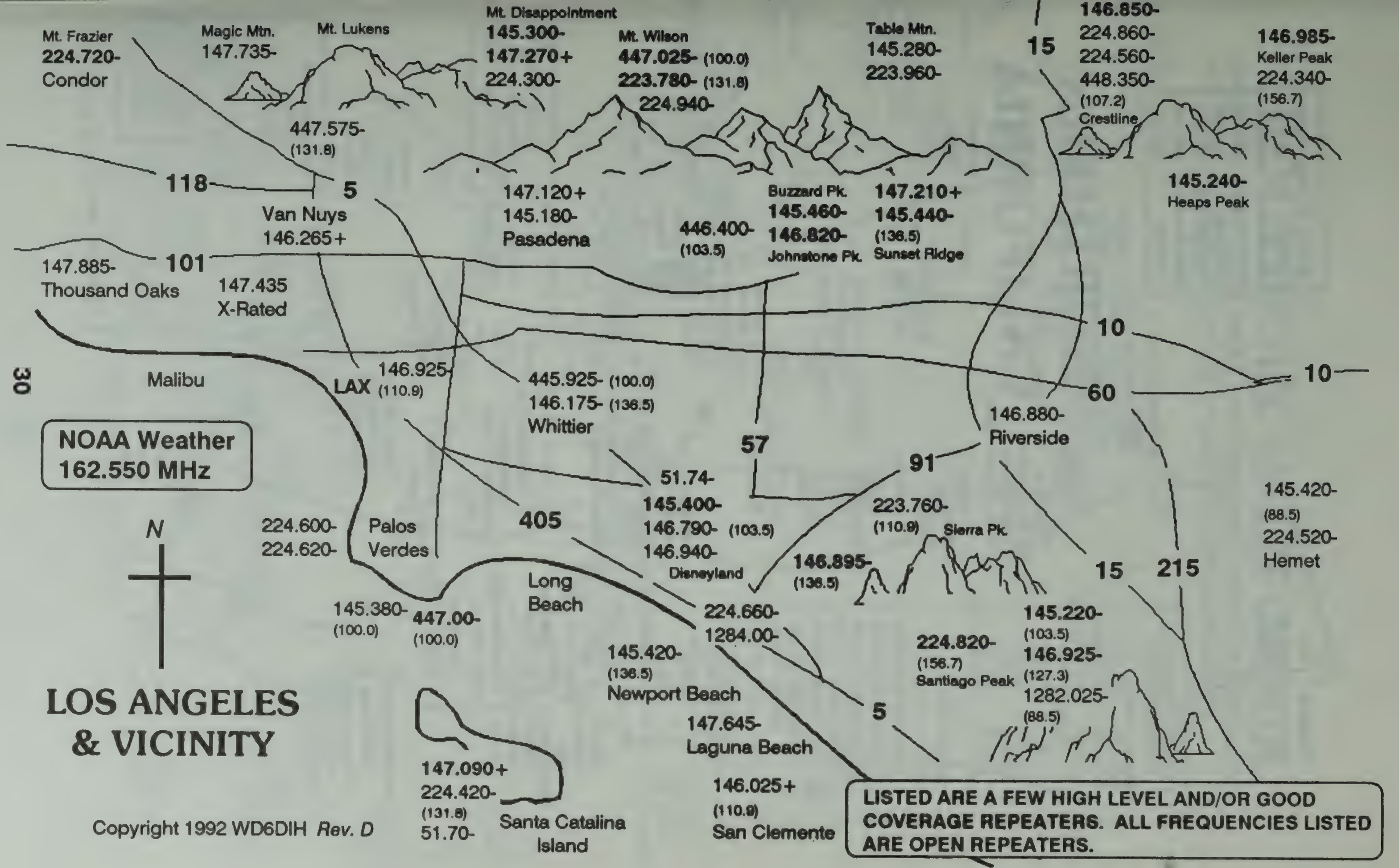
Repeater and point-to-point links: 13K6F3E, +/- 2.5 kHz max dev..
transmitter audio low-pass filter attn. for 3 kHz to 20 kHz = 100 log f/3 (f = freq. in kHz)
Channel spacing = 12.5 kHz (902.1125/927.1125 to 902.9875/927.9875)
Repeater spacing = 25.0 MHz (72 pairs)
Frequency tolerance (fixed & mobile) = 1.5 PPM (0.00015%)
Test pair = 902.7000/927.7000 Simplex = 927.6000 & 927.3000

23 Centimeters (1240-1300 MHz)

The SCRRBA southern California bandplan and the ARRL's bandplan are basically the same. Here, the first one megahertz (1282-1283) is set aside for open repeaters in an effort to encourage new users to freely access any machine within this known segment and at the same time minimize accidental keying up of the private or closed repeaters between 1283.025-1284.500, 125.00-1285.45, & 1285.90-1286.975 MHz. The gaps at 1284.50-1285.00 and 1285.45-1285.90 are due to the lower sideband color and sound subcarrier ATV components which may be present at the same or nearby hilltop site. Channel spacing is 25 kHz and repeater offset is 12 MHz.

```
1240.000 band edge
    ¦    1241.25 ATV channel 1
1246.000
    ¦    point-to-point links
1248.000
    ¦    digital/packet
1252.000
    ¦    1253.25 ATV channel 2
1258.000
    ¦    point-to-point links
1260.000
    ¦    experimental & satellites
1270.000
    ¦    FM repeater inputs  (test pair input 1271.000)
1276.000
    ¦    1277.25 ATV channel 3
1282.000
    ¦    FM repeater outputs (test pair output 1283.000)
1288.000
    ¦    experimental
1294.000....................
    ¦    digital/packet    .
1294.300                   .
    ¦    FM                .simplex
1294.800                   .
    ¦    ssb               .
1295.000....................
    ¦    weak signal (dx, eme, ssb)
1297.000
    ¦    digital/packet
1300.000 band edge
```

1265.000	ATV simplex & wide band experimental (ATV coordination on 146.43)
1269.500	satellites (coordination on 144.144 MHz USB)
1289.250	ATV simplex & wide band experimental
1294.100	packet calling frequency
1294.500	FM simplex calling frequency
1294.700	remote base calling frequency
1294.900	ssb novice calling frequency
1296.100	ssb calling frequency (coordination on 144.170 MHz USB)



LOS ANGELES
& VICINITY

LISTED ARE A FEW HIGH LEVEL AND/OR GOOD COVERAGE REPEATERS. ALL FREQUENCIES LISTED ARE OPEN REPEATERS.

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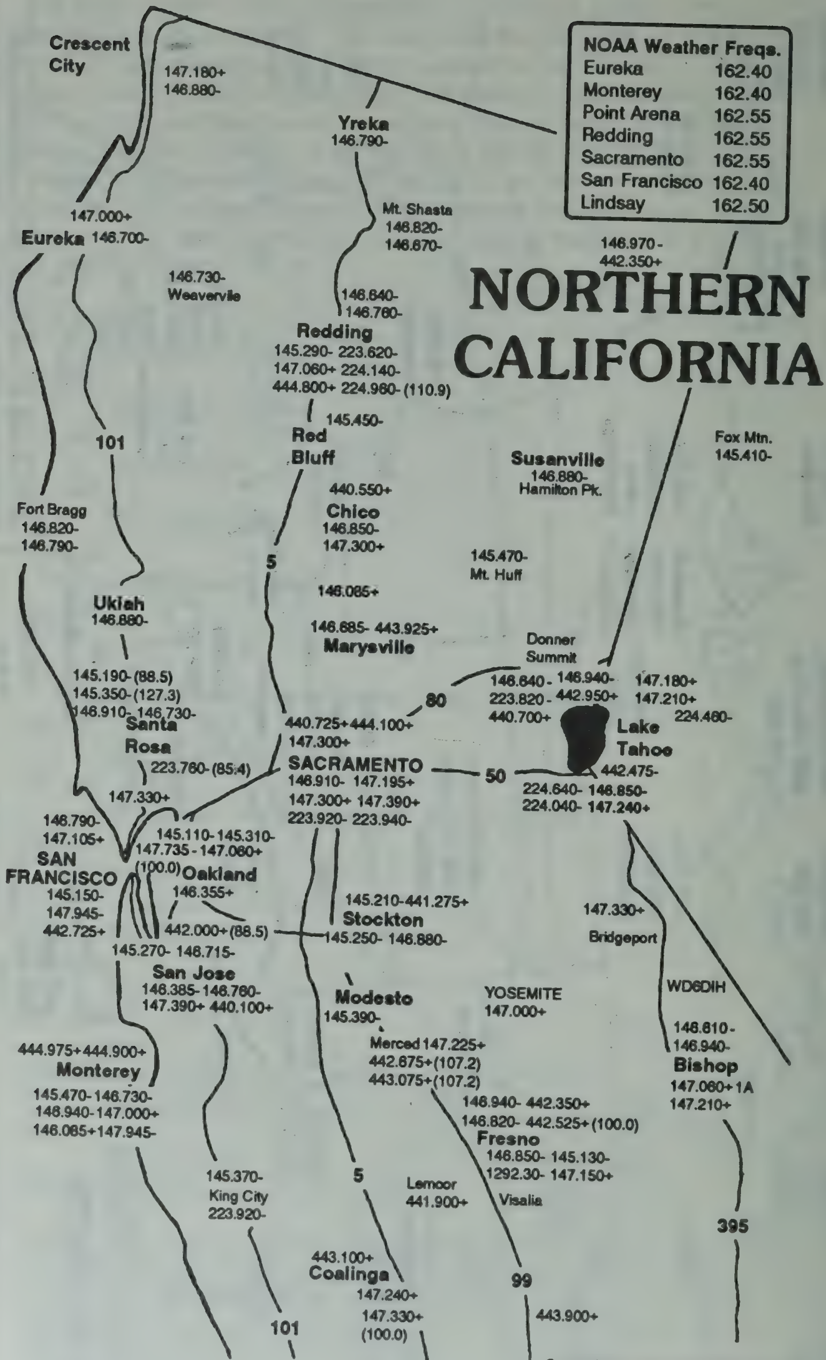
NORTHERN CALIFORNIA



NOAA Weather Freqs.	
Eureka	162.40
Monterey	162.40
Point Arena	162.55
Redding	162.55
Sacramento	162.55
San Francisco	162.40
Lindsay	162.50

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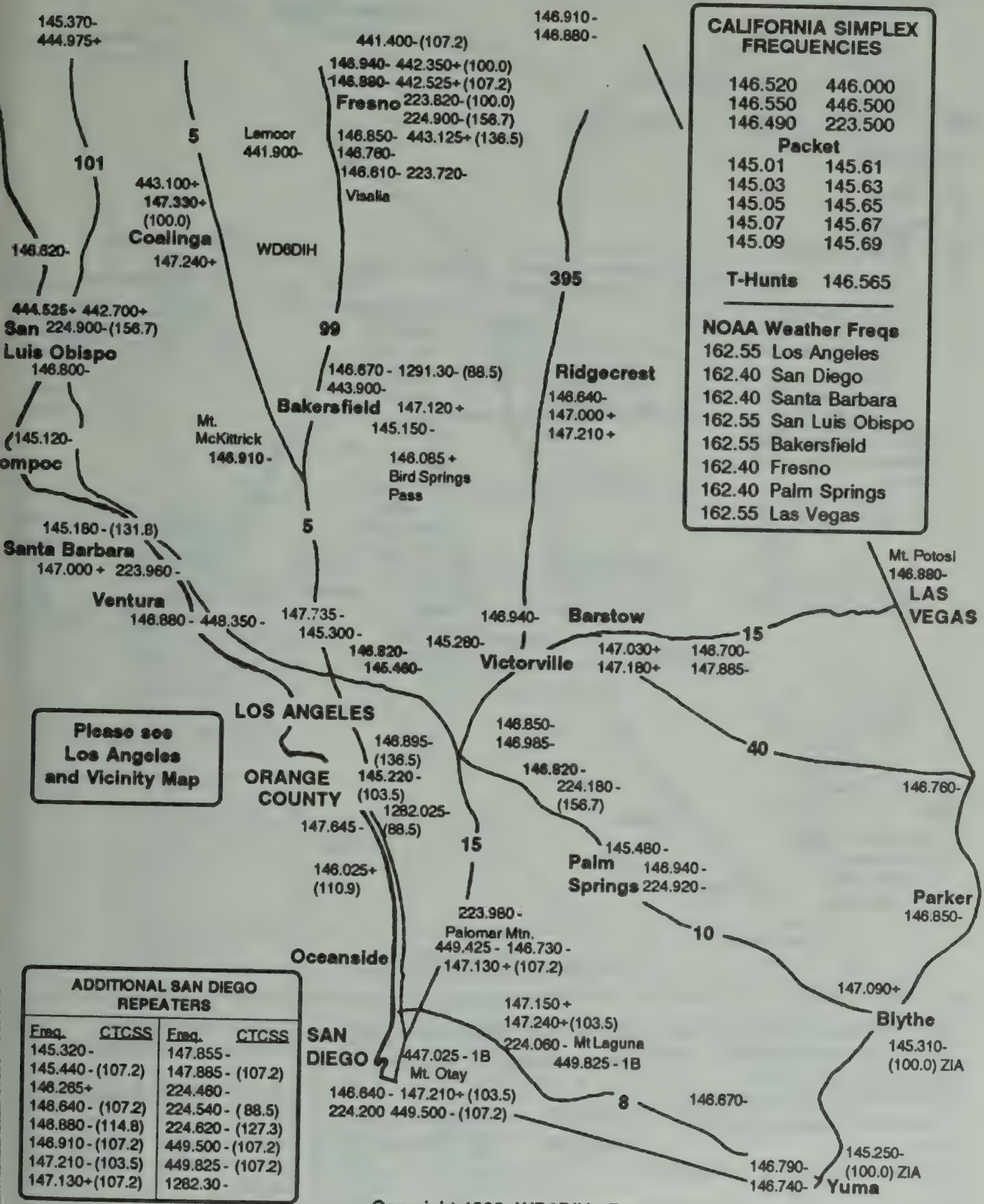
SOUTHERN CALIFORNIA

**HERE ARE A FEW HIGH LEVEL AND / OR GOOD COVERAGE REPEATERS.
ALL FREQUENCIES LISTED ARE AVAILABLE OPEN REPEATERS.**



CALIFORNIA SIMPLEX FREQUENCIES

146.520	446.000
146.550	446.500
146.490	223.500
Packet	
145.01	145.61
145.03	145.63
145.05	145.65
145.07	145.67
145.09	145.69
T-Hunts	146.565

NOAA Weather Freqs

162.55	Los Angeles
162.40	San Diego
162.40	Santa Barbara
162.55	San Luis Obispo
162.55	Bakersfield
162.40	Fresno
162.40	Palm Springs
162.55	Las Vegas

**Please see
Los Angeles
and Vicinity Map**

ADDITIONAL SAN DIEGO REPEATERS

Freq.	CTCSS	Freq.	CTCSS
145.320 -		147.855 -	
145.440 -	(107.2)	147.885 -	(107.2)
146.265+		224.460 -	
146.640 -	(107.2)	224.540 -	(88.5)
146.880 -	(114.8)	224.620 -	(127.3)
146.910 -	(107.2)	449.500 -	(107.2)
147.210 -	(103.5)	449.825 -	(107.2)
147.130+	(107.2)	1282.30 -	

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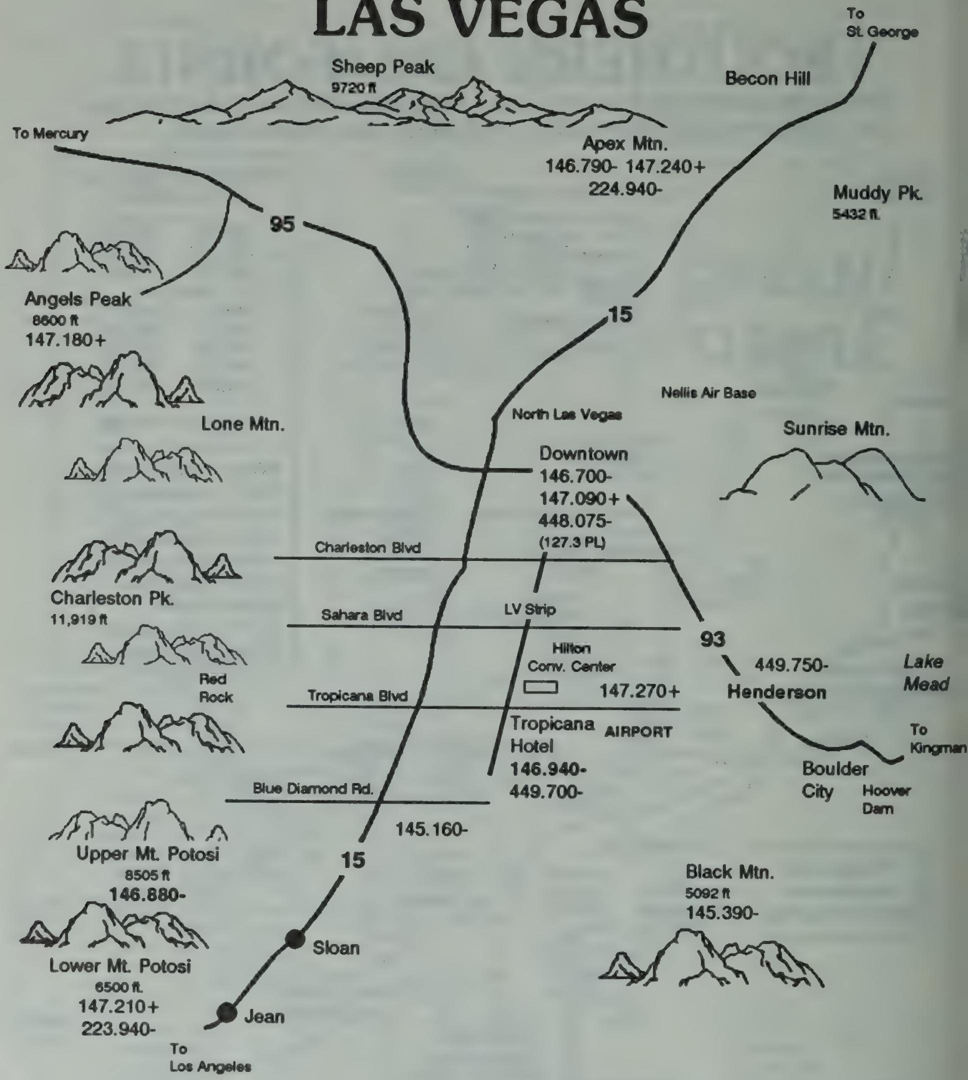
LAS VEGAS



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NOTES: 146.88- Repeater has the widest coverage area. Barstow to St. George.
146.94- Repeater has good handheld coverage along the strip.

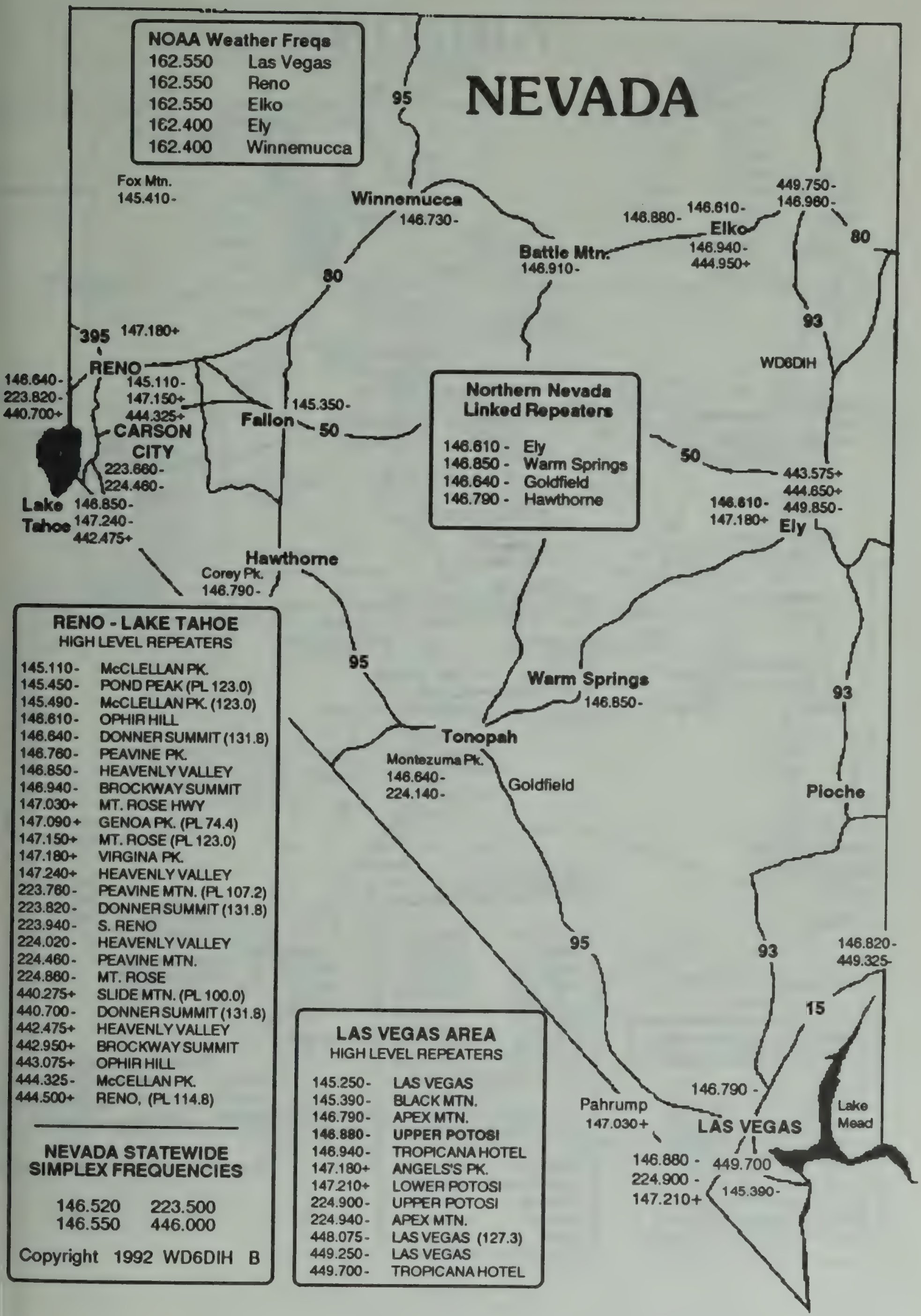
NOAA Weather 162.55

Additional Repeaters that can be heard in Las Vegas:

146.760-	Kingman, AZ
146.820-	St. George, UT

LAS VEGAS AREA SIMPLEX FREQUENCIES

146.52	145.01 Packet
146.55	145.05 Packet
146.57	145.07 Packet
223.50	441.50 Packet
446.00	



NOAA Weather Freqs

162.550	Las Vegas
162.550	Reno
162.550	Elko
162.400	Ely
162.400	Winnemucca

Northern Nevada Linked Repeaters

146.610 -	Ely
146.850 -	Warm Springs
146.640 -	Goldfield
146.790 -	Hawthorne

RENO - LAKE TAHOE
HIGH LEVEL REPEATERS

145.110-	McCLELLAN PK.
145.450-	POND PEAK (PL 123.0)
145.490-	McCLELLAN PK. (123.0)
146.610-	OPHIR HILL
146.640-	DONNER SUMMIT (131.8)
146.760-	PEAVINE PK.
146.850-	HEAVENLY VALLEY
146.940-	BROCKWAY SUMMIT
147.030+	MT. ROSE HWY
147.090+	GENOA PK. (PL 74.4)
147.150+	MT. ROSE (PL 123.0)
147.180+	VIRGINA PK.
147.240+	HEAVENLY VALLEY
223.760-	PEAVINE MTN. (PL 107.2)
223.820-	DONNER SUMMIT (131.8)
223.940-	S. RENO
224.020-	HEAVENLY VALLEY
224.460-	PEAVINE MTN.
224.880-	MT. ROSE
440.275+	SLIDE MTN. (PL 100.0)
440.700-	DONNER SUMMIT (131.8)
442.475+	HEAVENLY VALLEY
442.950+	BROCKWAY SUMMIT
443.075+	OPHIR HILL
444.325-	McCELLAN PK.
444.500+	RENO, (PL 114.8)

NEVADA STATEWIDE SIMPLEX FREQUENCIES

146.520	223.500
146.550	446.000

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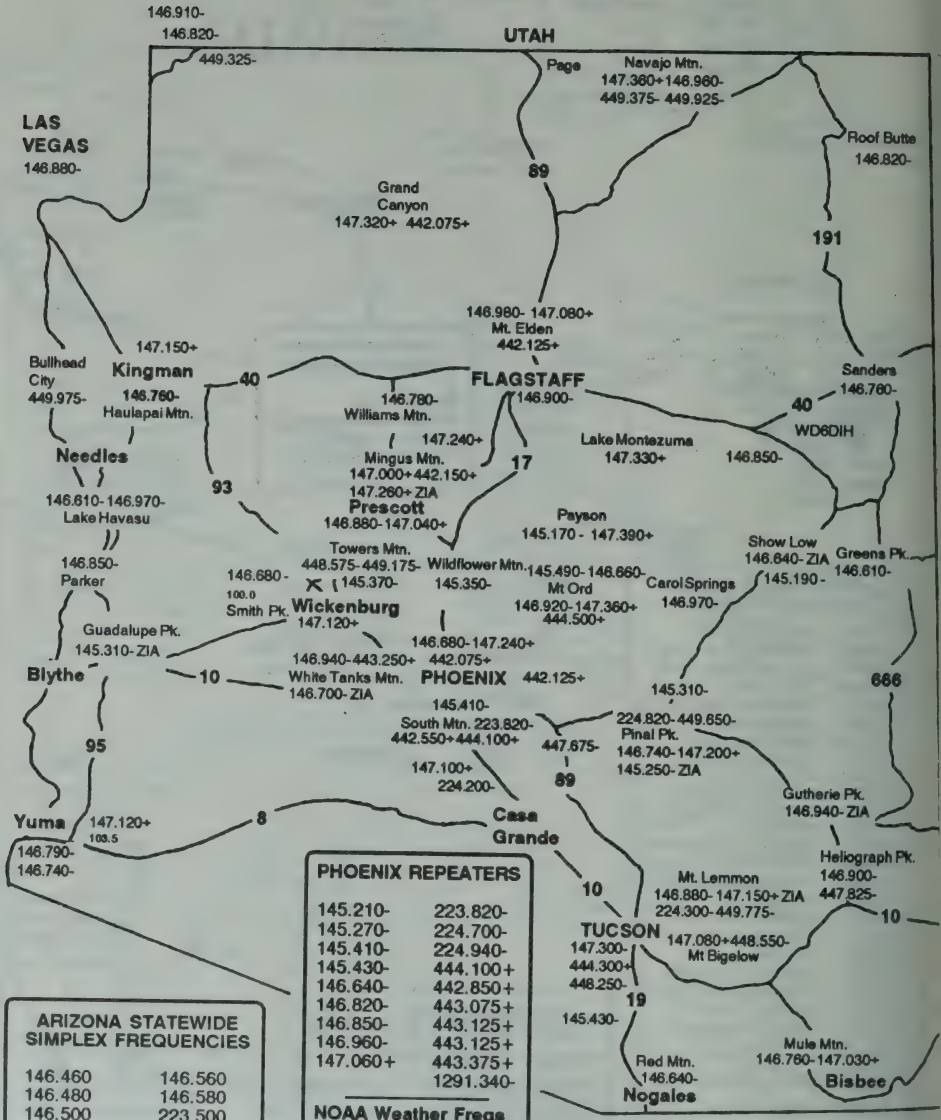
LAS VEGAS AREA
HIGH LEVEL REPEATERS

145.250-	LAS VEGAS
145.390-	BLACK MTN.
146.790-	APEX MTN.
146.880-	UPPER POTOSI
146.940-	TROPICANA HOTEL
147.180+	ANGELS'S PK.
147.210+	LOWER POTOSI
224.900-	UPPER POTOSI
224.940-	APEX MTN.
448.075-	LAS VEGAS (127.3)
449.250-	LAS VEGAS
449.700-	TROPICANA HOTEL

ARIZONA



ARIZONA STATEWIDE SIMPLEX FREQUENCIES

146.460		146.560
146.480		146.580
146.500		223.500
146.520		441.000
146.540		446.000
144.93	Packet	145.03
145.01	Packet	145.05

PHOENIX REPEATERS

145.210-	223.820-
145.270-	224.700-
145.410-	224.940-
145.430-	444.100+
146.640-	442.850+
146.820-	443.075+
146.850-	443.125+
146.960-	443.125+
147.060+	443.375+
	1291.340-

NOAA Weather Freqs

Flagstaff	162.400
Lake Powell	162.550
Phoenix	162.550
Tucson	162.400
Yuma	162.550

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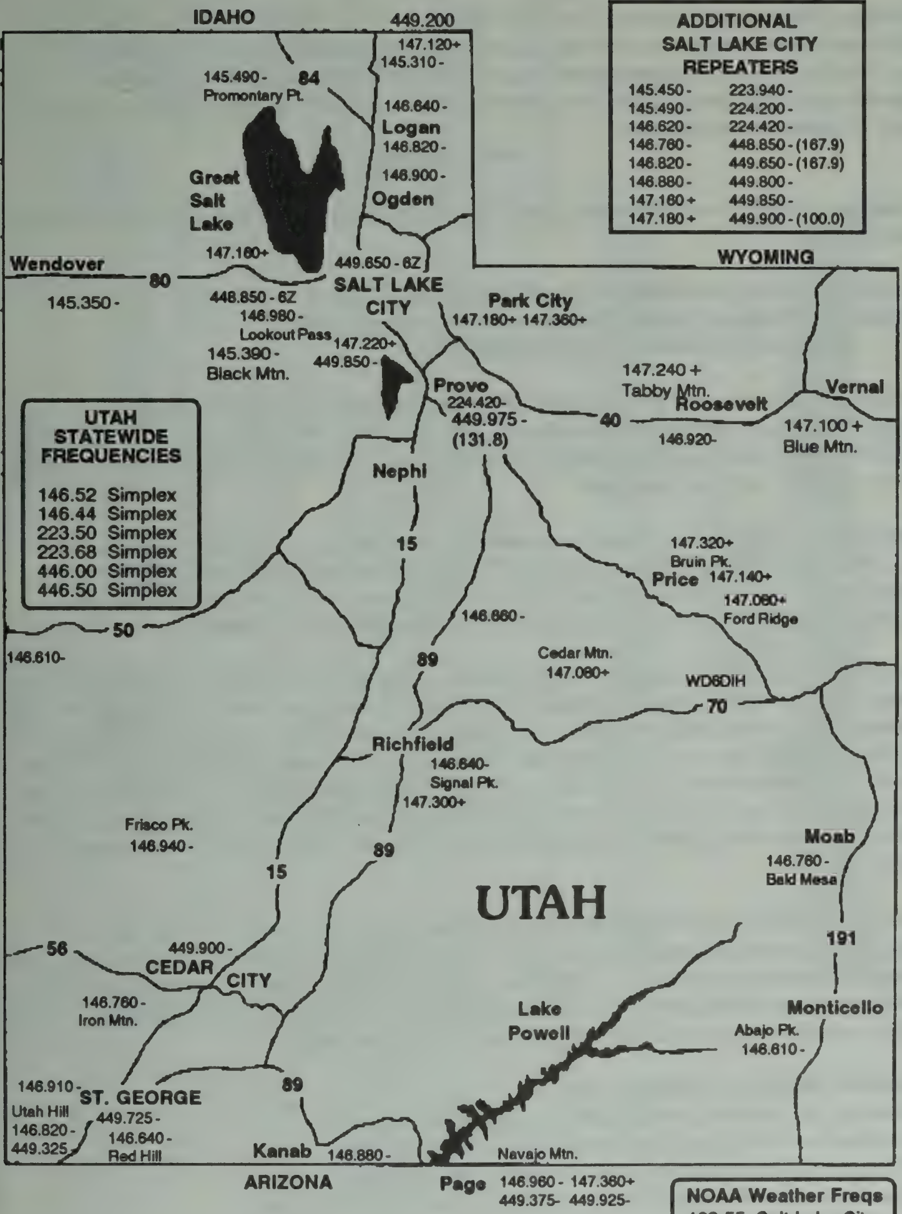

ADDITIONAL SALT LAKE CITY REPEATERS

145.450 -	223.940 -
145.490 -	224.200 -
146.620 -	224.420 -
146.760 -	448.850 - (167.9)
146.820 -	449.650 - (167.9)
146.880 -	449.800 -
147.160 +	449.850 -
147.180 +	449.900 - (100.0)

UTAH STATEWIDE FREQUENCIES

146.52	Simplex
146.44	Simplex
223.50	Simplex
223.68	Simplex
446.00	Simplex
446.50	Simplex

NOAA Weather Freqs

162.55	Salt Lake City
162.40	Logan
162.40	Cedar City
162.40	Vernal

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EARTHQUAKE
Did You Feel Something ? ? (Southern California)

When a noticable earthquake occurs in any area, tune to the W6FXN repeater on **145.460 (-) MHz** and inquire if anyone has felt an "event", and describe what was felt in your area. If reporting is already in progress, the Net Control station will be asking for "damage" or "felt" reports city-by-city. When calling in to provide a "felt" report, use your call suffix and city name only, as shown in this example:

"BVU - Anaheim"

When recognized by the Net Control, please give your report quickly and sign with your callsign and location:

"Anaheim - horizontal east-west movement, no damage: N6BVU, Anaheim" or
"Anaheim - vertical, no direction, broken windows, cracked plaster,
some power lines down: N6BVU Anaheim"

If it is a major earthquake, the Net Control will frequently ask if there are any stations with damage reports, or distant stations not previously heard from. **PLEASE STAND BY DURING THESE PERIODS OR UNTIL NORMAL REPORTING AGAIN RESUMES.** Both your courtesy and your report may help save lives.

Please help the Net Control station by listening for weak stations. Advise the Net Control and relay if asked. If you get nervous, excited, or experience that wonderful feeling of total panic some of us feel, don't let that stop you from reporting: those feelings are normal. But, most important, remember to listen, and use your best judgement when reporting.

Since the Buzzard Peak Repeater System handles many types of communications, including space shuttle downlink, Red Cross reporting & handling messages between hospitals and their personal during telephone interuption, earthquake tones, and Radio Amateur Civil Emergency Services (RACES) nets for the Sheriff's Department, the earthQuake Reporting Net (QRN) takes priority over all other types of traffic. During the QRN, any agency might make calls to their units for coordination or might try to contact someone they know would be monitoring the QRN. The primary purpose of the QRN is to establish the epicenter and surrounding effected areas of the event.

The Buzzard Peak Repeater System is battery-power and should operate during electrical outages for a couple of days, depending on usage, unless the building collapses or burns down. Since this system is monitored by people even while sleeping to listen for automatic earthquake alarms on the repeater, quiet hours are voluntarily observed between 12 midnight and 0600 a.m., unless a earthquake occurs, which will start the QRN for reporting.

IF YOU HEAR ON THE FREQUENCY,
A beeping high tone, it's a local quake of magnitude 3 or more.
A beeping low tone, it's a distant quake of magnitude 3 or more.
Both tones together, it's at an unknown location, but locally felt.
A low steady tone, is a rapid build-up of pressure: an upcoming event.

BEFORE SPEAKING, LISTEN FIRST ! !

Evening nets on the (**145.460-**) W6FXN Buzzard Peak Repeater System are:

Monday at 7:30 local, Disaster Communication Services (DCS) net
Wednesday at 10:30 local, Seismic Precursor Network (SPN) net.

CONDOR CONNECTION

Integrated Repeaters

The Condor Connection is a group of privately owned, linked repeaters covering most of California from below the Mexican border to North Central California, and parts of Arizona, Nevada, and Utah from Las vegas to Phoenix. The system is intended for long-range VHF communications, so its operation differs greatly from a normal repeater. System inputs are on the 1.25 cm (222 MHz) band and use continuous-tone-coded squelch system (CTCSS) tones to reduce interference. The Condor Connection is open to all licensed amateurs. There are no clubs supporting the system and no dues or donations are accepted.

All ports of the Condor Connection are "online" and active at all times, unless there's a need to separate an individual port for an emergency or a

Operating as One Big Repeater

Linking was accomplished on the low end of the 220 MHz band prior to the decision of the FCC to reallocate the bottom 2 MHz of the band. Many people worked to relocate the links to the 420 MHz band. It was proven to be quite a challenge to coordinate frequencies and system logistics to maximize efficiency and minimize system downtime.

The Condor Connection uses CTCSS rather than carrier squelch for several reasons. Some repeaters in the system are co-channeled with other machines and have overlaping coverage. Implementation of CTCSS is therefore a mandatory part of frequency coordination. Tropospheric ducting is common to the southern United States, especially in the summer, and the resulting enhanced propagation further complicates the

EARTHQUAKE

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CONDOR CONNECTION

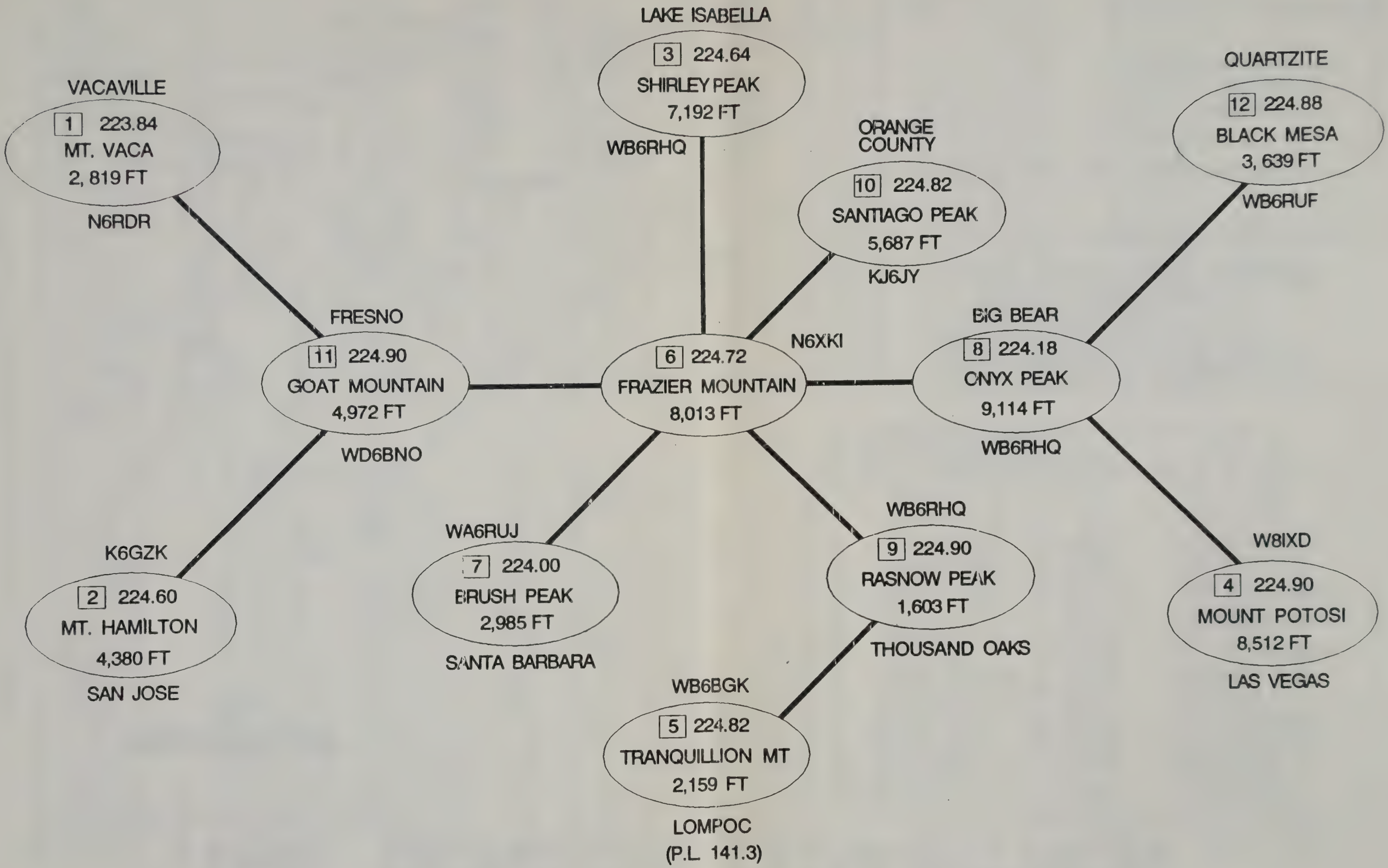
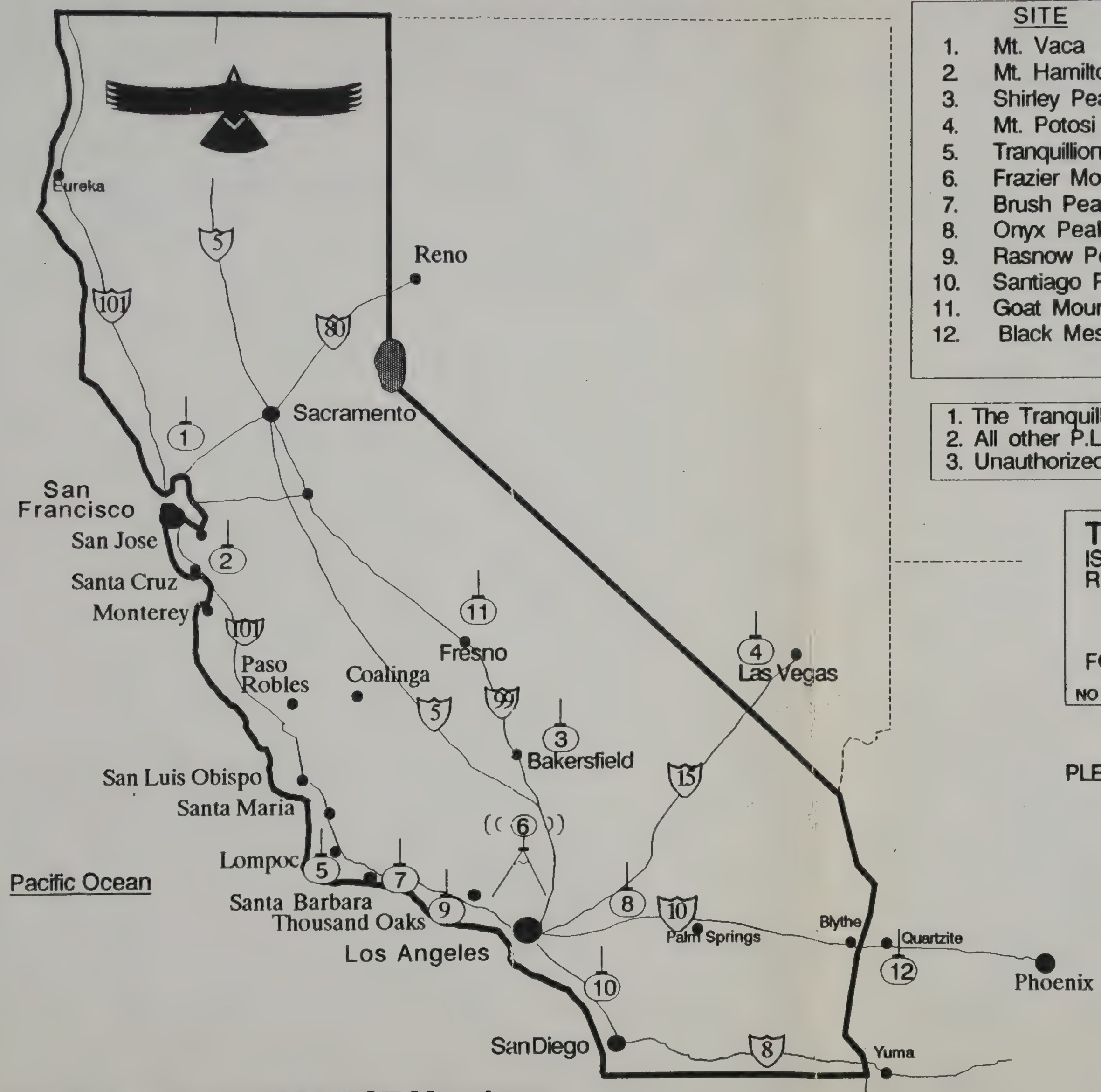


DIAGRAM DATE: 20 JULY 1992 KD6ARZ

THE CONDOR CONNECTION



	SITE	FREQUENCY	LOCATION
1.	Mt. Vaca	223.84	VACAVILLE
2.	Mt. Hamilton	224.60	SAN JOSE
3.	Shirley Peak	224.64	LAKE ISABELLA
4.	Mt. Potosi	224.90	LAS VEGAS, NV
5.	Tranquillion Mountain	224.82	LOMPOC
6.	Frazier Mountain	224.72	FRAZIER PARK
7.	Brush Peak	224.00	SANTA BARBARA
8.	Onyx Peak	224.18	BIG BEAR
9.	Rasnow Peak	224.90	THOUSAND OAKS
10.	Santiago Peak	224.82	ORANGE COUNTY
11.	Goat Mountain	224.90	FRESNO
12.	Black Mesa	224.88	QUARTZITE, AZ

1. The Tranquillion Mountain (Lompoc) P.L is 141.3 (4A).
2. All other P.Ls are 156.7 (5A).
3. Unauthorized remote bases are not welcome.

THE CONDOR CONNECTION
IS A NONPROFIT GROUP OF INDIVIDUAL
REPEATER OWNERS DEDICATED TO
WIDE AREA LINKING,
DISASTER PREPAREDNESS,
AND EMERGENCY COMMUNICATIONS
FOR ALL LICENSED RADIO AMATEURS

NO MONEY, FEES, OR MEMBERSHIP SUPPORT IS ACCEPTED

PLEASE DIRECT ALL CORRESPONDENCE TO:

TECHNICAL:
MARK WB6RHQ
15040 - A REEDLY ST.
MOORPARK, CA 93021

INFORMATION REQUESTS:
DAVE WA6RUJ,
PO BOX 73
SUMMERLAND, CA 93067

REPRINTS FREE SASE

Join our weekly net 1900 PST Mondays

MAP DATE: 20 JULY 1992 KD6ARZ

CONDOR CONNECTION USER COURTESIES

The Condor Connection is a group of privately-owned, linked repeaters extending roughly from below the Mexican border on the south to Las Vegas and Phoenix on the east and into North Central California on the north. The system is intended for long range VHF communications. Therefore, its operation differs greatly from the usual repeater operation. The following guidelines are offered to promote efficient, professional-sounding communications and foster harmony between users of the system.

Some DO's:

* Key your microphone, then wait a full second before speaking. This allows the entire system to come up, ensuring that listeners won't miss any part of your transmission. Repeated transmissions take up unnecessary air time.

* Wait until you hear the courtesy tone before transmitting. This allows time for other stations to break in if necessary, and allows the system to reset. If you do not hear a courtesy tone, the system is "off line".

* Follow the "Repeater Operating Practices" in the *ARRL 1992-93 Repeater Directory*.

* If you hear a jammer, ignore him. Resist the temptation to "set the jammer straight". Don't acknowledge his presence in any way. Anything you might say probably doesn't belong on the band and may contribute to the problem. If the jammer has no audience he won't have any fun and will soon be gone.

* System traffic priorities:

(1) Emergency and priority
(2) System test or maintenance maintenance transmissions by control operators or system owners.
(3) Public service
(4) On weekdays, fixed stations are asked to ensure that mobile stations have priority during the commute hours of 6:00 AM to 8:00 AM and 4:00 PM to 6:00 PM. These commute hours are the only time many hams can get on the air.
(5) Fixed (base) station communications.

* Follow the FCC requirement and identify your station once every 10 minutes and at the end of a QSO.

* Ask somebody for a signal report if you are using a hand held with a rubber duck. These little rigs can't compete with the repeater's gain antenna and much higher power. The excessive noise of partial quieting made by weak signals is irritating to those who monitor for extended periods.

* Use the English language. This is the recognized international language of Amateur Radio.

Some DON'Ts:

* Don't use radio jargon. When in doubt, simply talk as you would over the telephone. Listen to the system; learn from the examples of experienced users.

* Don't break a current QSO unless you have emergency or priority traffic or something valuable to add to the conversation.

* Don't use the entire system to talk to a local station through the same repeater. Make your contact and QSY to a local repeater or simplex frequency. The system is designed for long distance QSO's, not for local rag chewing.

* Don't carry on a QSO longer than an absolute maximum of 15 minutes to allow more people to use and enjoy the sytem. In addition, limit QSO's to 5 minutes during the commute hours.

* Don't conduct a system demonstration unless it is for an emergency or public service agency, or for an amateur radio class or club. Asking for the assistance of a control operator is recommended.

* Don't operate a radio with excessive microphone gain. Distorted voices and background noise make it difficult to carry on a enjoyable contact. Contact a system owner or control operator for information and assistance to reduce microphone gain. They'll be glad to help you.

* Don't acknowledge a "no contact" or announce that you're "clear" after calling a station that doesn't answer. If the station you called doesn't answer, everybody who heard your call knows that--why announce it?

* Don't call a roll call.

20 July 1992 KD6ARZ

CONDOR CONNECTION

Integrated Repeaters

The Condor Connection is a group of privately owned, linked repeaters covering most of California from below the Mexican border to North Central California, and parts of Arizona, Nevada, and Utah from Las vegas to Phoenix. The system is intended for long-range VHF communications, so its operation differs greatly from a normal repeater. System inputs are on the 1.25 cm (222 MHz) band and use continuous-tone-coded squelch system (CTCSS) tones to reduce interference. The Condor Connection is open to all licensed amateurs. There are no clubs supporting the system and no dues or donations are accepted.

All ports of the Condor Connection are "online" and active at all times, unless there's a need to separate an individual port for an emergency or a public service event. To users, the system functions like one wide-area-coverage repeater.

Stu Burritt, W6TLG (now a Silent Key), and Mark Gilmore, WB6RHQ devised the concept for the Condor Connection in late 1978. Many of the early objectives of the system were outlined by Stu.

The Condor Connection began as a dream with four goals: (1) To develop the then underused 222-225 MHz band in Southern California in order to encourage more amateurs to use 1.25 meter radios. This would in turn provide amateur radio dealers an incentive to market and develop new and improved radios for this band; (2) The owners also wanted to learn and develop the technology to build a high-performance linked system on 222-225 MHz; (3) There was a strong desire to create an open system to all amateurs to provide communications between northern and southern California, especially in case of a major disaster. That capability was proven during the San Francisco/Loma Prieta earthquake in October of 1989, when the Condor Connection was used around the clock for three days to handle emergency and health-and-welfare traffic; (4) Finally, but not least, to provide fun and enjoyment for the owners, control operators, and users.

Operating as One Big Repeater

Linking was accomplished on the low end of the 220 MHz band prior to the decision of the FCC to reallocate the bottom 2 MHz of the band. Many people worked to relocate the links to the 420 MHz band. It was proven to be quite a challenge to coordinate frequencies and system logistics to maximize efficiency and minimize system downtime.

The Condor Connection uses CTCSS rather than carrier squelch for several reasons. Some repeaters in the system are co-channeled with other machines and have overlaping coverage. Implementation of CTCSS is therefore a mandatory part of frequency coordination. Tropospheric ducting is common to the southern United States, especially in the summer, and the resulting enhanced propagation further complicates the co-channeling situation. Most of the system's repeaters are on the highest and most desirable mountains available, which means they share space with commercial and land mobile systems. The result is occasional interference from intermodulation and high site noise levels. Rather than lose the superior coverage of a popular site, CTCSS allows the repeater owners to work within the environment. If any repeater on the system is interfered with, that interference is heard on every port and multiplied by the number of repeaters in the system.

The system is built mostly of converted surplus land mobile radios. The control and audio circuits were designed to command the system from any port. Because of the hostile mountaintop environments, heavy-duty commercial antennas are used. All sites have emergency-power backup. The Condor Connection was designed for high reliability and performance.

The next time you're in the southern U.S., please feel welcome to use and enjoy the system. For information or correspondence, send an SASE to Dave, WA6RUJ, PO Box 73, Summerland, CA 93067. For technical issues, contact Mark Gilmore, WB6RHQ, 15040-A Reedly St., Moorpark, CA 93021.

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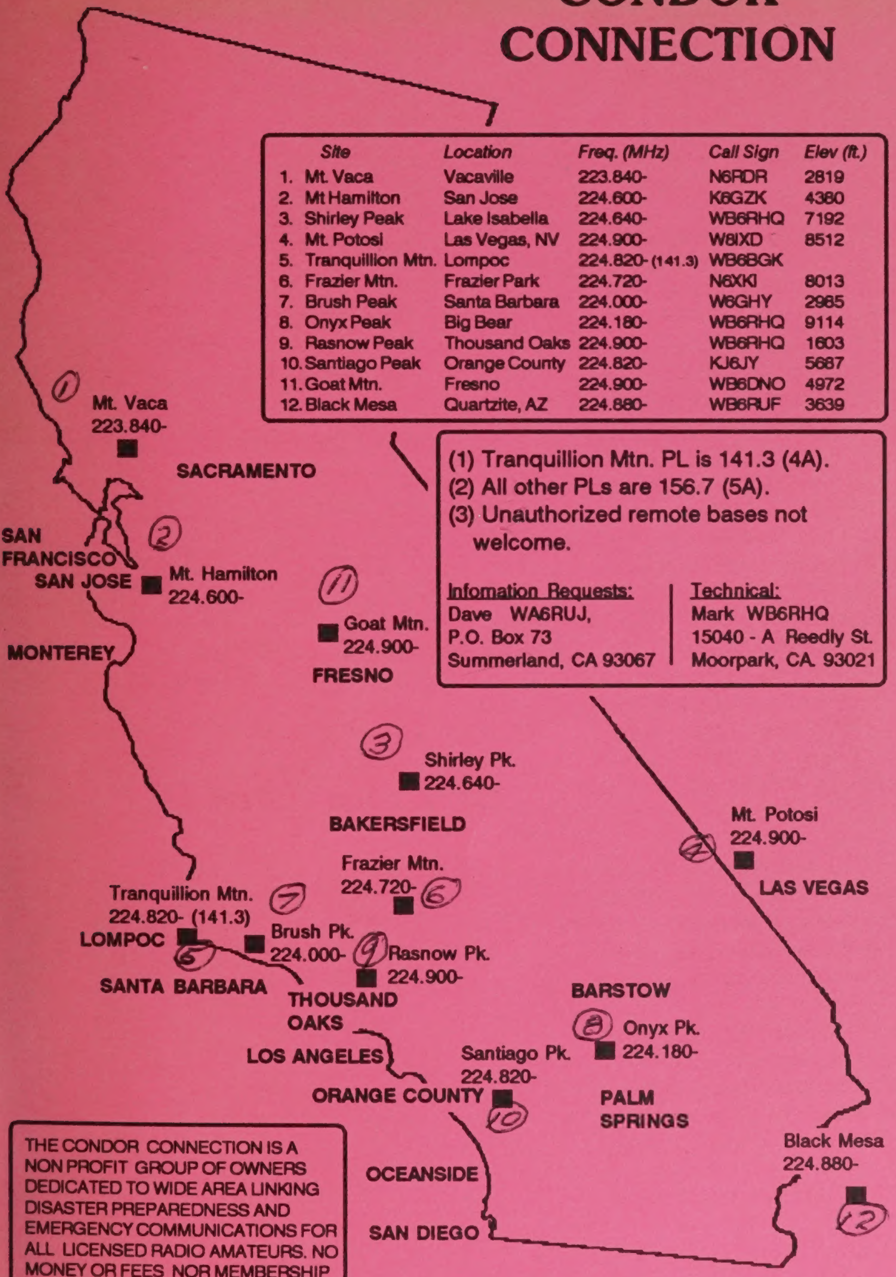
CONDOR CONNECTION

	Site	*Location*	*Freq. (MHz)*	*Call Sign*	*Elev (ft.)*
1.	Mt. Vaca	Vacaville	223.840-	N6RDR	2819
2.	Mt Hamilton	San Jose	224.600-	K6GZK	4360
3.	Shirley Peak	Lake Isabella	224.640-	WB6RHQ	7192
4.	Mt. Potosi	Las Vegas, NV	224.900-	W8IXD	8512
5.	Tranquillion Mtn.	Lompoc	224.820- (141.3)	WB6BGK	
6.	Frazier Mtn.	Frazier Park	224.720-	N6XKI	8013
7.	Brush Peak	Santa Barbara	224.000-	W6GHY	2985
8.	Onyx Peak	Big Bear	224.180-	WB6RHQ	9114
9.	Rasnow Peak	Thousand Oaks	224.900-	WB6RHQ	1603
10.	Santiago Peak	Orange County	224.820-	KJ6JY	5687
11.	Goat Mtn.	Fresno	224.900-	WB6DNO	4972
12.	Black Mesa	Quartzite, AZ	224.880-	WB6RUF	3639

(1) Tranquillion Mtn. PL is 141.3 (4A).
(2) All other PLs are 156.7 (5A).
(3) Unauthorized remote bases not welcome.

Infomation Requests:
Dave WA6RUJ,
P.O. Box 73
Summerland, CA 93067

Technical:
Mark WB6RHQ
15040 - A Reedly St.
Moorpark, CA. 93021



THE CONDOR CONNECTION IS A NON PROFIT GROUP OF OWNERS DEDICATED TO WIDE AREA LINKING DISASTER PREPAREDNESS AND EMERGENCY COMMUNICATIONS FOR ALL LICENSED RADIO AMATEURS. NO MONEY OR FEES NOR MEMBERSHIP SUPPORT IS ACCEPTED.

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All Hams invited to the weekly Net at 7 PM on mondays

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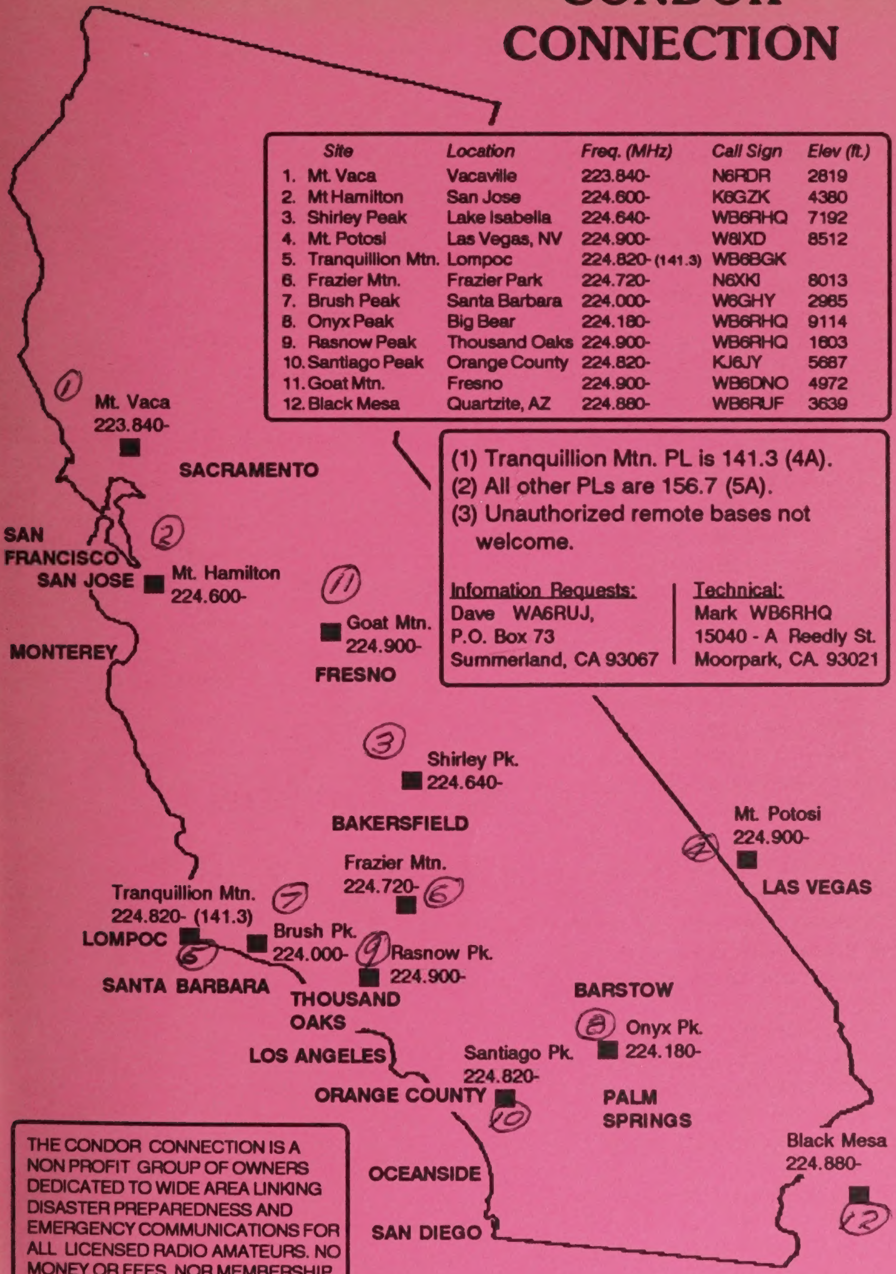

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For Additional Maps
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Western States

Repeater Location Maps

Maps of:

Arizona
California
Nevada
Idaho
Oregon
Utah
Washington

This edition close-up:
ZIA CONNECTION
